LOG BOOK

OF

17
7
119
59½
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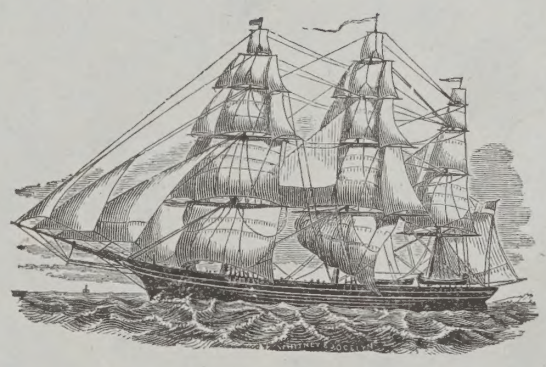
LOG BOOK.

VOYAGES OF THE

Palmetto, 1864-65

Commanded by .....



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Journal from Seabeck W. T. towards Tahiti S. I.

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Calvin S. Freeman Commander

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Wed 4th day of Feb 1864
1	4	5	SBW	ENE		Begins with Moderate breze & cloudy weather
2	4	5				
3	4	5				
4	4	5				
5	4	5				
6	4	5				At 6 P M Do weather
7	4	5				
8	4	5				
9	4	5				
10	4	5				
11	4	5				Midnight Moderate breze & cloudy weather
12	4	5				
1	4	5				
2	4	5				
3	4	5				
4	4	5				At 4 P M & A M Do weather
5	4	5				
6	4	5				
7	4	5				
8	4	5				Lat by D R 21-16 N
9	4	5				Long by D R 135-11 W
10	4	5				
11	4	5				Noon Moderate wind & cloudy
12	4	5				weather

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff of Lon	Lon. in.	Lon. by Ob

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Thursday 5th day of Feb 1864
1	4		SBW	ENE		Begins with Moderate breze & cloudy with small rain squalls
2	4					
3	4					
4	4					
5	3					
6	3					At 6 braced sharp upon the
7	3		SSW	S E		wind the wind hauling to the
8	3					S S
9	3					
10	3					
11	3					Midnight Moderate breze with
12	3					small rain squalls in Royal &
1	3					flying Jib
2	3					
3	3					
4	3					
5	3					
6	3					At 8 Do weather
7	3					
8	2		WBS	South		Lat by D R 20-22
9	2					Long " " 135-54
10	2					
11	2					Noon fresh breezes & heavy rain
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Scabeck N. W. I. towards Tahiti P. I.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday 6th day of Feb	18
1	2		NBW	S.		Begins with light breezes	
2	2					& fair weather	
3	2						
4	1						
5	2		SBW	WNW		At 4 wore Ship to the SBW	
6	4						
7	4						
8	4						
9	4						
10	4					Midnight Stiff breezes	
11	4					& pleasant Squalls in	
12	6					M J & Sail	
1	6						
2	6						
3	6						
4	6					At 4 & 8 a M Dit weather	
5	6						
6	6						
7	6					Lat by Obs 18-20	
8	6					Lon " D R 134-04	
9	6						
10	6					Now Strong breezes & clear	
11	6						
12	6						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Sunday 7th day of Feb	18
1	6		SBW	WBN		Begins with Strong steady	
2	6					breezes & cloudy weather	
3	6						
4	6						
5	6						
6	6						
7	6					At 4 & 8 P M Dit weather	
8	6						
9	6						
10	6						
11	6					Midnight fresh breezes &	
12	6		SBW	West		cloudy weather	
1	5						
2	5						
3	5						
4	5						
5	5					At 4 & 8 a M Dit weather	
6	5					set Top G. Sails	
7	5						
8	5					Lat by Obs 16-19 N	
9	5					Long D R 134-57 W	
10	5						
11	5					Now moderate breezes & cloudy	
12	5					weather	

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Seabeck W.T. towards Tahiti S.S.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday 8 day of Feb 18
1	5		SBW	W		Begins with Fine Steady
2	5					breezes & cloudy weather
3	6					
4	6					
5	6					
6	5					At 4 & 8 Do. weather
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					Midnight Moderate breze
1	4		SBE	WBS		& cloudy
2	4					
3	4					
4	4					
5	4					At 4 & 8 A M Do. weather
6	4					
7	3					
8	3					Lat Obs 14-34
9	3					Long D-R 135-12
10	3		SBW	West		
11	3					Noon light breze & clear
12	3					pleasant weather

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Tuesday 9 day of Feb 18
1	2		SSE	SW		Begins with light breezes
2	3					& fine pleasant weather
3	2					
4	2					
5	2					At 6 rain squalls
6	2					
7	2		ESE	South		At 8 light winds & cloudy
8	2					
9	2					
10	2		SSW	East		At 9 tacked to the SW
11	2					
12	2					
1	2		SWBS	SSE		Midnight light air
2	2					& clear
3	2					
4	2					
5	2		SSW	SE		At 4 & 8 h M Do. weather
6	2					
7	2					
8	2					Lat 6 Obs 14-00 W
9	2		SWBS	SSE		Long D R 135-22 W
10	2					
11	2					Noon light winds & clear
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Seabeck N. J. towards Tahiti S. S.

C. F. Truman Esq^r Commander

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Wed^d 19^th day of Feb^y 18
1	3		S.B.W.	E.B.S.		Begins with light winds & clear pleasant weather
2	3					
3	3					
4	3					
5	3					
6	3					At 4 P.M. D^o weather
7	3					
8	2					
9	3		S.W.B.S.	S.E.B.S.		
10	3					
11	3					
12	3					Midnight light breeze & rain Squalls
1	3					
2	3					
3	3					
4	3					
5	3					At 4 A.M. light winds & clear
6	3					
7	3					
8	3					Lat by Obs 13-10 N
9	3		S.B.W.	S.E.B.E.		Long D.R. 135-50 W
10	3					
11	3					Noon light winds & clear
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Thurs^dy 1^st day of Feb^y 18
1	4		S.B.W.	East		Begins with light winds & clear pleasant weather
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					At 6 P.M. D^o weather
8	4					
9	4					
10	4					
11	4					
12	4					
1	4					Midnight light winds & clear
2	4					
3	4					
4	4					
5	4					
6	4					At 4 A.M. D^o weather
7	4					
8	4					Lat by Obs 11-34 N
9	4					Long D.R. 136-15 W
10	4					Noon light winds & clear
11	4					
12	4					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Seabeck N. T. towards Tahiti S.I. by J Gruman Esqr. Commander

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Friday 12th day of Feb	18
1	4		SBW	East		Begins with light breezes & fine pleasant weather	
2	4						
3	4						
4	4						
5	3						
6	3					At 6 P M Do weather	
7	3						
8	3						
9	3						
10	3					Midnight light winds & clear	
11	3						
12	3						
1	3						
2	3						
3	3						
4	3					At 4 P M Do weather	
5	3		SBE	ESE			
6	3						
7	3						
8	3					Lat by Obs 10-27 N	
9	3					Lon " D R 136-45 W	
10	3					Noon light winds & clear	
11	3						
12	3						

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff of Lon	Lon. in.	Lon. by Ob

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday 13th day of Feb	18
1	3		SBW	ESE		Begins with light breezes & clear pleasant weather	
2	3						
3	3						
4	3						
5	3						
6	3						
7	3					At 4 P M Do weather	
8	3						
9	3						
10	3						
11	3						
12	3						
1	2		SSW	SE		Midnight light winds & cloudy	
2	2						
3	2						
4	2					At 4 the wind hauled suddenly to SSW Jackets to the Eastward	
5	3		SbyS	SbyS			
6	3						
7	3						
8	3					Lat by D R E-31 N	
9	3		SbyE			Lon " " 136-53 W	
10	3					Noon fresh breezes & heavy rain squalls	
11	3						
12	3						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Isabella N. I. towards Tahiti & Soc Is
C. J. Freeman Comd.

Sunday 14th day of Feb 18

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	/	1/2	SEBE	SBW		Begins with light air & clear weather
2	/	1/2				
3	/	1/2				
4	/	1/2				
5	/	1/2				
6	/	1/2				
7	/	1/2				
8	/	1/2				At 8 light & cloudy
9	/	/				
10			Calm			
11						Midnight Calm & clear
12			heading			
1			to			
2			the			
3						At 4 P M 1st weather
4						Lat by Obs 9-53
5			Eastwards			Lon a D R 136-40
6						
7						At 8 light air & clear
8	/		E & E			
9	/					At 11 A M Gybed to the
10	/					westwards
11	/					
12	/		W S W			Noon light air & clear

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Monday 15th day of Feb 18

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	/		W S W	S S E		Begins with light air & clear weather
2	/					
3	/					
4	/					
5	/					
6	/					At 4 P M 1st weather
7	/					
8	/					
9	/		S W B S			
10	/					
11	/					
12	/					Midnight light wind &
1	/					clear
2	/					
3	/					
4	/					
5	/					At 4 P M 1st weather
6	/					
7	/					
8	/					Lat by Obs 9-35 S
9	/					Long in D R 137-08 W
10	2					
11	2					Noon light winds & cloudy
12	2					
1	/					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Seabeck to Tahiti

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Tuesday 16 day of Feb	18
1	/		SBW	West		Begins with light winds & cloudy weather	
2	/						
3	/						
4	/						
5	/					At 4 P.M. Do. weather	
6	/						
7	/						
8		Calm					
9							
10		heading					
11							
12		all				Midnight Calm & heavy	
1		around				rain with Thunder & Lightning	
2		the					
3		Compass					
4							
5	/		SBW	NE		At 4 Do. weather	
6	/						
7	2						
8	2						
9	2					At 8 light winds & cloudy	
10	2					Lat by Obs 9-17	
11	2					Long by DR 137-15	
12	2					Noon light winds & cloudy	

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Wednesday 17 day of Feb	1864
1	3		NBE	NE		Begins with light breezes	
2	3	1/2				& cloudy weather	
3	3	1/2					
4	3	1/2					
5	3	1/2					
6	3	1/2				At 4 P.M. Do. weather	
7	3	1/2					
8	3	1/2					
9	3	1/2					
10	3	1/2					
11	3	1/2					
12	3	1/2				Midnight light Steady	
1	3	1/2				breezes & fine clear weather	
2	3	1/2					
3	3	1/2					
4	3	1/2					
5	3	1/2				At 4 A.M. Do. weather	
6	3	1/2					
7	3	1/2				Lat by Obs 08-00 N	
8	3	1/2				Long " DR 137-33	
9	3	1/2					
10	3	1/2					
11	3	1/2				Noon light Steady breezes	
12	3	1/2				& clear pleasant weather	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Seabeck N.T. towards Tahiti P.I.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Thursday 8 day of Feb 1865
1	4	½	S 15 W	N E		Begins with fine steady breezes & clear pleasant weather
2	4	½				
3	4	½				
4	4	½				
5	4	½				
6	4	½				
7	4	½				At 8 P.M. weather
8	4	½				
9	4	½				
10	4	½				
11	4	½				
12	4	½				Midnight fine steady breezes & clear weather
1	4	½				
2	4	½				
3	4	½				
4	4	½				
5	4	½				
6	4	½				At 4 A.M. D° weather
7	4	½				
8	4	½				Lat by Obs 6-19 N
9	4	½				Lon " D R 138-10 W
10	4	½				
11	4	½				Noon fine breezes & clear
12	4	½				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Friday 19th day of Feb 18
1	6		S B W	E N E		Begins with fine steady breezes & clear
2	6					
3	6					
4	6					
5	6					At 4 A.M. D° weather
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					Midnight fresh breezes & clear D°
12	6					
1	6					
2	6					
3	6					
4	6					At 4 A.M. D° weather
5	6					
6	6					
7	6					At 10 A.M. heavy rain squalls
8	6					Lat by Obs 4-08 N
9	6					Lon " D R 139-04 W
10	6					
11	6					Noon fresh breezes & clear
12	6					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from ..... towards .....

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday 20 day of Feb	18
1	6		SBW	ESE		Begins with fresh brees & clear pleasant weather	
2	6						
3	6						
4	6						
5	6						
6							
7						At 4 P M D° weather	
8							
9							
10							
11							
12						Midnight- fresh brees & clear	
1							
2							
3	4						
4	4						
5	4					At 4 P M D° weather	
6	4						
7	4						
8	4					Lat 6. 06 2 - 34 N	
9	4					Long D R. 139 - 34	
10	4						
11	4					Noon Moderate brees &	
12	4					clear	

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff of Lon	Lon. in.	Lon. by Ob

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Sunday 21 day of Feb	18
1	4	½	SBW	ESE		Begins with Moderate brees & clear pleasant weather	
2	4	½					
3	4	½					
4	4	½					
5	4	½					
6	4	½				At 4 P M D° weather	
7	4	½					
8	4	½					
9	4	½					
10	4	½					
11	4	½				Midnight- fresh brees &	
12	4	½				clear	
1	4	½					
2	4						
3	4						
4	4					Lat- 6 11, 01 - 01 N	
5	4					Long D R 140 - 29 W	
6	4						
7	4						
8	4						
9	4					Noon fresh brees & clear	
10	4						
11	4						
12	4						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Seabeck N. T. towards Tahiti

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday 22d day of Feb	18
1	6		SSW	East		Begins with fresh breezes	
2	6					& clear pleasant weather	
3	6						
4	6						
5	6						
6	6					At 4 & 8 Do. weather	
7	6						
8	6						
9	6						
10	6						
11	6					Midnight- fresh breezes	
12	6						
1	6						
2	6						
3	6						
4	6					At 4 & 8 A M Do. weather	
5	6						
6	6						
7	6					Lat by Obs 0-49 S	
8	6					Lon in DR 147-14 W	
9	6						
10	6						
11	6					Noon fresh breezes & clear	
12	6						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Tuesday 23 day of Feb	18
1	5		SBW	East		Begins with fresh breezes	
2	5					& clear pleasant weather	
3	5						
4	5						
5	5						
6	5					At 4 & 8 Do. weather	
7	5						
8	5						
9	5						
10	5						
11	5					Midnight- fresh breezes	
12	5					& clear	
1	4						
2	4						
3	4						
4	4					At 4 & 8 Do. weather	
5	4						
6	4					Lat by Obs 2-37 S	
7	4					Lon " DR 147-54 W	
8	4						
9	4						
10	4					Noon fresh breezes & clear	
11	4						
12	4						

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Seabeck W. T. towards White H. F.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday 24th day of Feb	18
1	4	½	South	East		Begins with fine Steady breezes & clear pleasant weather	
2	4	½					
3	4	½					
4	4	½					
5	4	½					
6	4	½					
7	4	½				At 4 P.M. Do. weather	
8	4	½					
9	4	½					
10	4	½					
11	4	½					
12	4	½				Midnight fine weather	
1	4	½					
2	4	½					
3	4	½					
4	4	½					
5	4	½				At 4 P.M. & A.M. Do. weather	
6	4	½					
7	4	½					
8	4	½				Lat by Obs 4-25-S	
9	4	½				Lay'd D R 142-15 W	
10	4	½					
11	4	½				Noon fine boisterous	
12	4	½					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Thursday 25th day of Feb	18
1	4	½	South	East		Begins with fine clear pleasant weather & steady breezes	
2	4	½					
3	4	½					
4	4	½					
5	4	½					
6	4	½					
7	4	½				At 4 P.M. Do. weather	
8	4	½					
9	4	½					
10	4	½					
11	4	½					
12	4	½				Midnight- fine clear weather & steady winds	
1	4	½					
2	4	½					
3	4	½					
4	4	½					
5	4	½				At 4 P.M. & A.M. Do. weather	
6	4	½					
7	4	½				Lat by Obs 6-16 S	
8	4	½				Lay'd D R 142-38 W	
9	4	½					
10	4	½					
11	4	½				Noon Do. Weather	
12	4	½					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Tubuai W.I. towards Tahiti
by J Freeman Comdr

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. 26th day of Feb 18
1	4		South	ESE		Begins with light breezes & clear pleasant weather
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					At 4 P M Do. weather
8	4					
9	4					
10	4					
11	4					
12	4					
1	5-					Midnight fine light steady breezes & clear pleasant weather
2	5-					
3	5-					
4	5-					
5	5-					
6	5-					
7	5-					At 4 P M Do. weather
8	5-					
9	5-					Lat by Obs 08-13 S
10	5-					Lon by DR 145-13 W
11	5-					Now light breezes & clear
12	5-					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday 27th day of Feb 18
1	4		South	East		Begins with light winds & clear weather
2	4					
3	4					
4	4					
5	4					
6	4					At 4 P M Do. weather
7	4					
8	4					
9	4					
10	4					
11	4					Midnight light breezes & clear
12	4					
1	3					
2	3					
3	3					At 4 P M Do. weather
4	3					
5	3					
6	3					Lat by Obs 9-23 S
7	3					
8	3					Lon by DR 137-43 W
9	3					
10	3					Now light winds & clear
11	3					
12	3					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Seabeck to I. towards Tahiti S.S.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Sunday 28 day of Feb	18
1	3		South	ESE		Begins with light winds & clear pleasant weather	
2	3						
3	3						
4	3						
5	3						
6	3					At 4 P M Do weather	
7	3						
8	3						
9	3						
10	3						
11	3					Midnight light breezes & clear weather	
12	3						
1	4						
2	4						
3	4						
4	4						
5	4					At 4 P M Do weather	
6	4						
7	4						
8	4					Lat by Ob 10-38 S	
9	4					Lng " DR 144-05 W	
10	4						
11	4					Moor fresh breezes & clear	
12	4						

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday 29 day of Feb	18 Cont
1	4		South	E.S.E		Begins with fresh breezes fine clear pleasant weather	
2	4						
3	4						
4	3						
5	3						
6	3					At 4 P M Do weather	
7	3						
8	3						
9	3						
10	3						
11	3					Midnight fresh breezes & clear	
12	3						
1	3						
2	4						
3	4						
4	4					At 4 P M & M Do weather	
5	4						
6	4					Lat by Ob 12-38 S	
7	4					Lng by DR 144-55 W	
8	4						
9	4						
10	4						
11	4					Moore Moderate breezes & clear	
12	4						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Seabeck, W. T. towards Tahiti, P. I. & or Freeman Coast

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Tuesday 1st day of March 18 64
1	4		South	ESE		Begins with moderate breeze & fine clear pleasant weather
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					At 4 P M Do & Do weather
8	4					
9	4					
10	4					
11	4					
12	4					Meridian light moderate breezes & clear
1	3					
2	3					
3	3					
4	3					
5	3					
6	3					At 4 P M & Ap M Do weather
7	4					Lat by Obs 14 - 10 S
8	4					Lon " D R 145 - 35 W
9	4					
10	4					
11	3					Noon light - breezes & clear
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Wednesday 2d day of March 18
1	2		S BW	ESE		Begins with light breezes & clear weather
2	2					
3	2					
4	2					
5	2					
6	2					At 4 P M Do Do weather
7	2					
8	2					
9	2					
10	2					
11	2					Midnight - light - breezes & clear
12	2					
1	3					
2	3					
3	3					
4	3		S ½ E			
5	3					At 4 P M & Ap M Do weather
6	3					
7	3					Lat by Obs 15 = 14 S
8	3					Lon " D R 145 = 41 W
9	3					
10	3					
11	3					Noon light - winds & clear
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Seabeck W. T. towards Tahiti S. S.

C N Freeman Commander

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Thursday 3rd day of Feb 18
1	4		S ½ E	East		Begins with light-winds & cloudy we ather
2	4					
3	4					
4	4					
5	4					
6	4					At 8 PM Tacked to the
7	4					Northwards in all light-
8	2	5	N B E			sails
9	2	5				
10	2	5				
11	2	5				Midnight- light- wind &
12	2	5				rain squalls
1	2	5				
2	2	5				
3	3		S S E			At 2 AM Tacked to the South
4	3					wards Set all sails
5	3					
6	3					At 8 Made the Island of
7	3					Bolabola bearing S W
8	3					Dist say 50 miles At 9h 30m made
9	3					several Bathings
10	3					Lat by Obs 16-04 S
11	3					Moon light & clear
12	3					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Friday 4 day of March 18 64
1	3		N B E	East		Begins with light-winds
2	3					& clear pleasant-weather
3	3					
4	3					
5	3		N B E			At 4 Tacked to the Northwards
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					Midnight- light-winds &
12	3					clear Tacked to the
1	3		S S E	...		Southwards
2	3					
3	3					
4	3					
5	3					At 4 & 8 PM PM Weather
6	3					
7	3					
8	2					Lat by Obs 16-26
9	2					
10	2					
11	2					Moon light-winds & clear
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Seabeck W.T. towards Tahiti S.I.

C N Freeman Esqr Commander

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday 5th day of March 18
1	2		SS E	East		Begins with light wind
2	2					& clear pleasant weather
3	2					
4	2					
5	2					At 5 Jacked to the Northward
6	2		N N E	"		
7	2					
8	2					
9	2					
10	2					Midnight light air & clear
11	2					
12	2					
1	2					
2	2					At 4 Do. weather
3	2					
4	2					
5	2					At 8 A M Jacked to the
6	2					Southward
7	2					
8	1					
9	1		S S E	East		
10	1					Now light wind & fair setting
11	1					weather Balabola Islands
12	1					bore S W by S

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Sunday 6th day of March 1864
1			Calm			Begins with Calm & clear
2						pleasant weather
3						
4			heading			
5						
6						At 4 & 8 Do. weather
7						
8						
9			to			
10						Midnight Calm & clear
11						
12			the			
1						
2						
3			N N E			
4						At 4 & 8 Do. Do. weather
5						
6						
7						
8						
9						
10			heading			Noon Calm & clear
11			to the			
12			N. by E.			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Scabeck N. W. I. towards Tahiti

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Mondy 7 day of March 18
1			Calm			Begins with Calm &
2						clear pleasant weather
3						
4			heading			
5						
6						
7			to			At 4 P M Calm
8						
9			the			
10						
11						
12			Eastward			Midnight- Calm &
1						clear
2						
3						
4						
5						At 4 P M & D° weather
6						
7						
8						
9						
10						
11						Noon Calm & clear hot
12						Sultry weather

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Tuesdy 8 day of March 18
1						Begins with Calm & hot
2			heading			Sultry weather
3						
4			all			
5						
6			around			At 6 P M D° weather
7						
8						
9						
10			the			
11						Midnight- Calm & clear
12						
1			compass			
2						
3						
4						
5			heading			At 4 P M & D° weather
6						
7			to			
8						
9			the			
10			Eastward			Noon light-air & clear
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Tabuchai W. S. towards Tahiti I. S.

C. N. Freeman Commander

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. 1 day of Wednesday March 18
1						
2						Begins with Calm &
3						clear pleasant weather
4	1		ESE	NE		At 4 heavy rain squall
5	1					
6	1					
7	2					At 6 & 8 light breeze &
8	2					clear
9	2					
10	1	½				
11	1	½				
12	1	½				Midnight light airs
1	1	½				& clear
2	1	½				
3	1	½				
4	1	½				At 4 & 8 D° weather
5	1	½				
6	2					
7	2					
8	2		SEBS	EBN		Moonlight - breezes & clear
9	2					North Cindy of the Isands of
10	2					Huahine bore S W½ W Say
11	2					25 miles Dist
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Thursday 10th day of March 18
1						
2						Begins with fresh breezes
3						& clear
4						
5						
6						At 4 Huahenac bore W½ N
7						Dist 8 or 14 Miles
8						
9						
10						
11						Midnight fresh breezes
12						& clear
1						
2						
3						At 5 Made Sir Edwards
4						Islands bearing West
5						say 10 Miles Steered to the
6						Northwards
7						
8						
9						
10						Noon light winds & clear
11						Standing to the Northwards
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Seabeck W.T. towards Tahiti

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1						Friday 11th day of March 18
2						Begins with light-wind
3						& clear weather
4						
5						
6						At 4 P.M. Do. weather
7						
8						
9						
10						
11						Midnight light & cloudy
12						Backed to to the S.E.
1						
2						At 2 heavy thunder
3						
4						
5						At 4 light wind from the
6						N.N.E
7						
8						
9						
10						Noon light-wind & cloudy
11						Sun Observed
12						

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1						Saturday 12th day of March 18 64
2						Begins with light-wind
3						& cloudy weather
4						
5						At 3 P.M. heavy squall
6						Exchanged Signals with
7						a Schr. steering to the S.W
8						
9						
10						
11						Midnight-Moderate
12						breeze & cloudy
1						
2						
3						At 4 A.M. fresh breeze
4						
5						
6						
7						
8						
9						Noon moderate breeze &
10						cloudy Cimeon Island bore
11						E.N.E. Say 12 Miles Dist
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Seabeck B. P. towards Tahiti

C. N. Freeman Commander

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1						Sunday 13 day of March 18
2						Begins with Moderate
3						breez & cloudy weather
4						
5						
6						At 4 P M Do weather
7						Steering to the North
8						
9						
10						
11						
12						Midnight Moderate
1						breez & cloudy Steering
2						to the North
3						
4						
5						At 6 A M Jacked to the
6						S E
7						
8						
9						Noon fresh breezes & cloudy
10						Eimeo Islands bore N E 6
11						Say 6 Miles Dist
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1						Monday 14 day of March 18 64
2						Begins with fresh breezes
3						& cloudy weather
4						
5						At 4 Eimeo Islands bore
6						E by N Dist 5 miles
7						Steering N N E
8						
9						
10						
11						Midnight fresh breezes
12						& clear Steering N N E
1						
2						
3						
4						At 3 P M Jacked to the
5						S S E
6						
7						
8						
9						Noon fresh breezes Eimeo
10						Islands bore S E Say 6 miles
11						Dist
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Sea to N. Z. towards Tahiti

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1						Tuesday 15 day of March 18 64
2						Begins with fresh breezes
3						& heavy squall of rain
4						Jacking as requires
5						
6						
7						At 8 D° ws weather
8						
9						
10						
11						
12						
1						Midnight fresh breezes
2						& cloudy Jacking as requires
3						
4						
5						
6						At 4 D° ws weather
7						
8						
9						At 8 Eimeo Island bore S E
10						Say 3 miles Jacked to the
11						N E
12						Now light breezes & cloudy
						the Island Tahiti bore S E 20 miles
						Steering to the N E

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1						Wednesday 16 day of March 18 64
2						Begins with light breezes
3						& cloudy weather
4						
5						
6						
7						
8						Midnight- fresh breezes &
9						cloudy Jacked to the S W
10						
11						
12						
1						Noon fresh breezes & clear
2						rec'd a Pilot on board
3						
4						At 3 P M came to anchor in
5						Papieti furled sails &c
6						
7						
8						Midnight- light air from
9						the N W This contains 36 hours
10						to be in the Harbour of
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from ..... towards .....

Bark Palmetto Laying in Paspieto

day of 18

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1						Remarks Thursday 17th day of March
2						Begins with
3						light-air from the NW at 7 A M the Pilot came
4						aboard hove up the anchor & towed to the harbour
5						Made fast Bow on & Made all ready to Discharge
6						cargo at Noon comenced to Discharge cargo Midnight
7						light-airs & rain squalls
8						
9						Remarks Friday 18th March
10						Begins with light-airs
11						& rain Showers People employed Discharging cargo
12						ends the Same
1						Remarks 19th March Saturday
2						Begins with light
3						breezes & Small rain People employed on cargo
4						Middle & latter part the Same
5						
6						Remarks Sunday 20th of March
7						Begins with light-
8						airs from the S W & fine pleasant weather this being
9						the Lords day no work done
10						
11						Remarks Monday 21st
12						Begins with light airs & rain
						Squalls People still employed on cargo

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1						Tuesday 22 day of March 18
2						Begins with light air from the NW People employed
3						on Cargo Middle part light winds from S W
4						ends the Same
5						Remarks Wednesday 23rd of March
6						Begins with light
7						air from the W W at 3 P M finished Discharging
8						cargo & began taking Ballast on board ends the Same
9						Remarks Thursday 24 of March
10						Begins with calm &
11						hot Sultry weather People employed taking Ballast
12						aboard 1 P M & P M hauled to Tilsons wharf ends
1						the Same
2						Remarks Friday March 25th
3						Begins with calm & hot
4						Sultry weather People employed Painting Ship
5						Middle & latter the Same
6						Remarks Saturday March 26th Begins with light
7						airs from the S W People employed on Ship Duty Middle
8						& latter part the Same
9						
10						Remarks Sunday March 27th
11						Begins with light
12						airs from the S W Middle & latter part the Same

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from towards

Bark Palmetto Laying in Papiete Harbor

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.

day of 18

Monday 28

Begins with light air from the N W People employ sending up Spars Got G. Mast & Making all ready for Sea Latter part heavy rain Showers

Remarks Tuesday March 29th

Begins with light air from the North at 9 A M the Pilote came aboard Sat all Sail & stood out to Sea at 10 A M discharged Pilott Midnight light winds from the N E Tacking as required

Bark Palmetto From Papiete to Papeari

Remarks Wednesday March 30th

Begins with light & fine clear pleasant weather Middle & Latter Do weather Tacking as required

Remarks Thursday March

Begins with light winds from the N E Middle & Latter part Do weather Tacking as required

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.

1st Day of 18

Friday March

Begins with fresh breezes from the N & E & fine weather Tacking as required Middle & Latter Do weather

Remarks April 2nd 1864

Begins with Moderate breezes & clear At 10 A M received a Pilote on Boards Made a Tacked & stood in for the reef At 1 P M came to anchor furled sails & hauled along side the Bank & made fast Discharged a few Pkgs of Mody Midnight light airs & clear

Bark Palmetto Laying in Papeari Harbor

Remarks Sunday 3 of April

Begins with light winds from the N N E & fine pleasant weather Middle & Latter part Do Do weather

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from ..... towards .....

Bark Palmetto Laying in Paparii

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday 4th day of April 18
1						Begins with light winds from the N N E & clear
2						pleasant weather People employed on sails
3						Middle & latter part To weather
4						
5						Remarks Tuesday April 5th
6						Begins with light
7						winds & clear weather People employed repearing
8						Sails latter part Do weather
9						
10						Remarks Wednesday April 6th
11						Begins with light
12						winds from the N E People employed on Sails
1						AM / PM began to received Cargo on board
2						latter part Do weather
3						
4						Remarks Thursday April 7th
5						Begins with light
6						air from the E N E People employed on Cargo
7						Middle & latter Part Do weather
8						
9						Remarks Friday April 8th
10						Begins with light
11						winds from the N E People employed on Cargo
12						Middle & latter part Do weather

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday 9th day of April 18
1						Begins with light air from the N N E & pleas-
2						weather People employed on Cargo Middle &
3						latter part Do weather
4						
5						Remarks Sunday April 10th
6						Begins with light
7						winds & clear pleasant weather the Capt went
8						over to Papiete this being the Lords day no
9						work done
10						
11						Remarks April 11th
12						Begins with Calm & hot Sultry
1						weather People employed on cargo Middle &
2						latter part Do weather
3						
4						Remarks April 12th
5						Begins with light air from
6						the N E Finished taken in Cargo at Noon
7						Made all ready for Sea Middle & latter the same
8						
9						Remarks Wednesday April 13th
10						Begins with light
11						air from the South hove the Bark off to the anchor
12						Made Sail at 10 AM the Pilot came aboard the ves-

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

sel handed to the N E tripped the anchor & stood down
inside the reef to Papeuriri at 2 PM Discharged the Pilot
Spoke the Schr Edward bound in Midnight light airs &

Journal from Tahiti towards San Francisco
C N Freeman Comd

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Thursday 14 day of April 18
1						Begins with moderate
2						bolge & clear pleasant
3						weather
4						
5						
6						
7						
8						Now Moderate bolge &
9						pleasant weather
10						
11						This Ends at noon to begin
12						the Sea Log
1						
2						Sir C Saunders Island
3						bore SE say 25 miles Dist
4						
5						
6						
7						
8						
9						
10						
11						
12						

Draft at 11 Water
Fore 12 ft 6 in
Aft 12 ft 0 in

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff of Lon	Lon. in.	Lon. by Ob

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Friday 15 day of April 18 64
1						Begins with Moderate
2						bolge & clear pleasant weather
3						
4						
5						At 4 Sir C Saunders Island
6						bore SSE say 25 miles Dist
7						
8						At 8 Tacked to the Westward
9						
10						
11						Midnight light winds &
12						clear
1						
2						
3						
4						At 4 Do weather
5						
6						
7						
8						
9						Noon light winds & clear
10						Shoakeins bore West say 5 miles
11						Tacked to the Eastward
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Tahiti towards San Francisco

C N Iseman Comd

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
						day of Saturday 16th April 18
1						Begins with fresh breezes & hazy weather
2						
3						
4						
5						
6						
7						At 8 Huahine bore W.N.W.
8						Say 20 miles Dist
9	5		NBW	NEBE		
10	5		"	"		
11	5		"	"		Midnight fresh breezes & cloudy
12	5		"	"		
1	5		"	"		
2	5		"	"		
3	5		"	"		
4	5		"	"		At 4 A M D° weather
5	5		"	"		
6	5		"	"		
7	5		"	"		Lat by Ob 16-34 S
8	5		"	"		Long by D R 151-12 W
9	5		"	"		At 10 A M fresh winds in Ma
10	5		"	"		Royal Flying Fish & G.G. Sail
11	5		"	"		Noon fresh breezes & cloudy
12	5		"	"		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
						day of Sunday 17th April 18
1	5		NBW	NEBE		Begins with fresh breezes
2	5		"	"		& clear pleasant weather
3	5		"	"		
4	5		"	"		At 3 sat Flying fish & G.G. Sail
5	5		"	"		
6	5		"	"		At 4 & 8 D° weather
7	5		"	"		
8	5		"	"		
9	5		"	"		
10	5		"	"		
11	5		"	"		Midnight Moderate winds
12	5		"	"		& cloudy
1	4		"	"		
2	4		"	"		
3	4		"	"		
4	4		"	"		
5	1		"	"		
6	4		"	"		At 4 & 8 A M D° weather
7	4		"	"		
8	4		"	"		
9	3					Lat by Ob 15-54 S
10	3					Long " D R 151-32 W
11	3					
12	3					Noon Moderate breezes & de

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Tahiti towards San Francisco

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
						day of 18 64
1	4		NBE	NE		Monday 18 April
2	4		"	"		Begins with moderate
3	4		"	"		breezes & clear weather
4	4		"	"		
5	4		"	"		
6	4		"	"		At 6 & 8 Do weather
7	4					
8	4		Norther	ENE		
9	4		"	"		
10	4		"	"		Midnight- fresh winds &
11	4		"	"		cloudy
12	4		"	"		
1	5		"	"		
2	5		"	"		
3	5		"	"		
4	5		"	"		At 4 & 8 Do weather
5	5		"	"		
6	5		"	"		Lat- by Obs 12-07 S
7	5		"	"		Long by DR 151-40 W
8	5		"	"		
9	5		"	"		Noon fresh breezes & clear
10	5		"	"		
11	5		"	"		
12	6					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
						day of 18
1	8		NBE	EBN		Tuesday 19 April
2	8		"	"		Begins with fresh breezes
3	8		"	"		& clear
4	8					
5	8		"	"		
6	8					At 4 & 8 Do " weather
7	8		"	"		
8	8					
9	8		"	"		
10	8					
11	8		"	"		Midnight- fresh breezes
12	8					
1	8		"	"		
2	8		"			
3	8			"		
4	8		"			
5	8			"		At 4 & 8 Do " weather
6	8		"	"		
7	8					Lat- by Obs 9-52 S
8	8		"	"		Long " DR 151-00 W
9	8					
10	8		"	"		Noon fresh breezes & clear
11	8					
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Tahiti towards San Francisco

C. N. Freeman Comd.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Wednesday 20th day of April 18
1	5		NBE½E	East		Begins with fresh breezes
2	5					& clear pleasant weather
3	5		"	"		
4	5					
5	5		"	"		
6	5					
7	5		"	"		At 4 P M Do" weather
8	5					
9	5		"	"		
10	5					
11	5		"	"		Midnight- fresh breezes
12	5					& clear wr ather
1	5		"	"		
2	5					
3	5		"	"		
4	5					
5	5		"	"		At 4 P M Do" weather
6	5					
7	5		"			
8	5			"		Lat by Obs 8-01 S
9	5		"			Lng " D R 150 25 W
10	5					
11	5		"	"		Now fresh winds & cloudy
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Thursday 21st day of April 18
1	5		NNE	East		Begins with fresh breezes
2	5					& cloudy wr ather
3	5		"	"		
4	5					
5	5		"	"		At 4 P M Do" weather
6	5					
7	5		"	"		
8	5					
9	5		"			
10	5					Midnight- fresh breezes
11	5		"	"		& cloudy
12	5					
1	5		"	"		
2	5					
3	5		"	"		At 4 P M Do" weather
4	5					
5	5		"	"		Lat by Obs 6-06-S
6	5					Lng " D R 149-37 W
7	5		"	"		
8	5					
9	5		"	"		Now fresh breezes & cloudy
10	5					
11	5		"	"		
12	5					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Tahiti towards San Francisco

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Friday 22 day of April	18
	4		NBE	EbN			
1	4					Begins with Moderate	
2	4					breeze & cloudy we ather	
3	4		"	"			
4	4						
5	4		"	"			
6	4						
7	4		"	"		At 4 & 8 D° we ather.	
8	4						
9	4		"	"			
10	4						
11	4		"	"			
12	4						
1	4		"	"		Midnight - Moderate	
2	4					wind & cloudy	
3	4		"	"			
4	4						
5	4		"	"			
6	4						
7	4		"	"		At 4 & 8 D° we ather	
8	4					Lat by D R 5-20 S	
9	4		"	"		Lon " " " 149-15 W	
10	4					Noon light winds &	
11	4		"	"		heavy rain Squalls	
12	4						

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff of Lon	Lon. in.	Lon. by Ob

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday 23rd day of April	18
	5		NBE				
1	5					Begins with fresh breezes	
2	5					& heavy rain Squalls	
3	5		"	"			
4	5						
5	6		"	"			
6	6					At 4 & 8 D° we ather	
7	6		"	"			
8	5						
9	5		"	"			
10	5						
11	5		"	"		Midnight - fresh winds &	
12	5					clear	
1	6		"	"			
2	6					At 2 heavy rain Squalls	
3	6		"	"			
4	6						
5	5		"	"			
6	5						
7	5		"	"		At 8 A M fresh breezes & clear	
8	5						
9	5		"	"		Lat by Obs 2-00 S	
10	5					Lon " D R 149-10 W	
11	5		"	"			
12	5					Noon fresh breezes & clear	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Galatea towards San Francisco

C N Freeman Comdr

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Sunday day of April 24th 18
1	4		NBE	EBN		Begins with light
2	4					winds & cloudy
3	4					
4	4					
5	4					
6	4		North	ENE		
7	4					At 4 & 8 Do wr ather
8	4					
9	4					
10	4					
11	4					
12	4					Midnight light breze
1	4					& cloudy with passing sm
2	4					rain
3	4					
4	4					
5	4					
6	4					At 4 & 8 Do wr ather
7	4					
8	4					Lat by Obs 0 0 – 42 S
9	4					Lon. D R 7 49 – 00 W
10	4					
11	4					Noon light winds & clear
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday day of April 25 18
1			North	ESE		Begins with light
2						Moderate breze &
3			"	"		clear pleasant wr ather
4						
5			"	"		
6						
7			"	"		At 4 & 8 Do wr ather
8						
9			"	"		
10						
11			"	"		Midnight Moderate
12						wind & clear
1			"	"		
2						
3			"	"		
4						At 4 & 8 Do wr ather
5			"			
6				"		Lat by Obs 0 0 – 41 North
7			"			Lon " D R 149 – 00 W
8						
9			"	"		Noon Moderate breze
10						& clear wr ather
11			"	"		
12						

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Tahiti towards San Francisco
C N Freeman Comd.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Tuesday day of April 26 1864
1	6	1/2	NNE	ENE		Begins with Moderate breeze & clear
2	6	1/2				
3	6	1/2	"	"		
4	6	1/2				
5	6	1/2	"	"		
6	6	1/2				At 6 P M Do" we ather
7	6	1/2	"	"		
8	6	1/2				
9	6	1/2	"	"		
10	6	1/2				Midnight- fresh breeze & cloudy
11	6	1/2	"	"		
12	6	1/2				
1	6	1/2	"	"		
2	6	1/2				
3	6	1/2	"	"		At 4 P M Do" we ather
4	6	1/2				
5	6	1/2	"	"		Lat by Ob 2-49 N
6	6	1/2				Long by D R 148-35 W
7	6	1/2	"	"		
8	6	1/2				Now fresh breeze & clear fine we ather
9	6	1/2	"	"		
10	6	1/2				
11	6	1/2	"	"		
12	6	1/2				

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff of Lon	Lon. in.	Lon. by Ob

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Wednesday day of April 27 18
1	2	1/2	NNW	ENE		Begins with light air & cloudy we ather
2	2	1/2				
3	2	1/2				
4	2	1/2				
5	2	1/2				
6	2	1/2				
7	2	1/2				At 4 Do" we ather
8	2	1/2				
9	2	1/2				
10	2	1/2				At 6 heavy rain Showers
11	2	1/2				
12	2	1/2				
1	2	1/2				Midnight- light air & cloudy
2	2	1/2				
3	2	1/2				
4	2	1/2				
5	2	1/2				
6	2	1/2				At 4 Do" we ather
7	2	1/2				
8	2	1/2				
9	2	1/2				
10	2	1/2				
11	2	1/2				Now light winds & clear
12	2	1/2				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Tahiti towards San Francisco

C N Freeman Comdr

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
						day of Thursday April 28 18
1	6		N N W	N E		Begins with fresh breez
2	6					& cloudy we alter
3	6					
4	5		"	"		At 4 heavy squalls
5	5					
6	5					
7	6		"	"		
8	5					
9	6					
10	6		"	"		
11	6					Midnight- fresh breeze
12	5					& cloudy
1	6		"	"		
2	6					
3	5					
4	6		"	"		
5	6					At 8 heavy squall with
6	5					rain
7	5		"	"		Lat by Obs 5-42 N
8	5					Lon D R 149-31 W
9	5					
10	5		"	"		Noon fresh breezes & clear
11	5					
12	5		"	"		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Friday April 29th 18
1	5	1/2	N N W	N E		Begins with fresh breeze
2	5	1/2				& clear
3	5	1/2	"	"		
4	0	1/2				
5	5	1/2	"	"		
6	5	1/2				At 4 P 8 Dg weather
7	5	1/2	"	"		
8	5	1/2				
9	5	1/2	"	"		
10	5	1/2				
11	5	1/2	"	"		Midnight fresh breezes
12	5	1/2				& cloudy
1	5	1/2	"	"		
2	5	1/2				
3	5	1/2	"	"		
4	5	1/2				
5	5	1/2	"	"		At 4 P 8 A M Dg weather
6	5	1/2				
7	5	1/2	"	"		Lat by Obs 7-42 N
8	5	1/2				Lon " " 150-20 W
9	5	1/2	"	"		
10	5	1/2				Noon fresh breezes & clear
11	5	1/2				
12	5	1/2	"	"		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Thiti towards San Francisco

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday day of April 30th 1864
1	6		NNW	N E		Begins with fresh breezes & clear pleasant weather
2	6					
3	6		"	"		
4	6					
5	6		"	"		
6	6					At 4 P M Do weather
7	6		"	"		
8	6					
9	6		"	"		
10	6					
11	6		"	"		
12	6					Midnight - Strong breezes & cloudy weather
1	6					
2	6		"	"		
3	6					
4	6		"	"		
5	6					
6	6					At 4 P M Do weather
7	6		"	"		
8	6					Lat by Obs 10-01 N
9	6					Long by D R 151-20 W
10	6		"	"		
11	6					Noon fresh breezes & clear
12	6		"	"		

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Sunday day of May 1st 1864
1	6		NNE	N E		Begins with fresh breezes & clear pleasant weather
2	6		"	"		
3	6		"	"		
4	6		"	"		
5	6		"	"		
6	6		"	"		At 4 P M Do weather
7	6		"	"		
8	6		"	"		
9	6		"	"		
10	6		"	"		
11	6		"	"		Midnight - fresh breezes & cloudy
12	6		"	"		
1	6		"	"		
2	6		"	"		
3	5		"	"		
4	5		"	"		At 4 P M Do weather
5	5		"	"		
6	5		"	"		
7	5		"	"		Lat by Obs 12°-06' N
8	6		"	"		Long by D R 152-12 W
9	5		"	"		
10	5		"	"		Noon fresh breezes & clear
11	5		"	"		
12	6		"	"		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Tahiti towards San Francisco

E. N. Freeman Commander

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. day of Monday May 2nd 18
1	6	p	NNW	NEbE		Begins with fresh breez
2	6	1/2				& clear pleasant weathe
3	6	1/2	"	"		
4	6	1/2				
5	6	1/2				
6	6	1/2	"	"		
7	6	1/2				
8	6	1/2	"	"		At 6 a 8 D° wc ather
9	6	1/2				
10	6	1/2	"	"		
11	6	1/2				
12	6	1/2	"	"		
1	6	1/2				Midnight- fresh breeze
2	6	1/2	"	"		& cloudy
3	6	1/2				
4	6	1/2	"	"		
5	6	1/2				
6	6	1/2	"	"		
7	6	1/2				At 4 A 8 D° wc ather
8	6	1/2	"	"		
9	6	1/2				Lat by Obs 14-41 N
10	6	1/2	"	"		Lon by D R 162-27 W
11	6	1/2				
12	6	1/2	"	"		Moru fresh breezes & clear Jacob off Duty for the last watch

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Tuesday May 3d 18
1	6		North	ENE		Begins with fresh bree
2	6					& clear pleasant weathe
3	6		"	"		
4	6					
5	6		"	"		
6	6					At 4 A 8 D° wc ather
7	6		"	"		
8	6					
9	6					
10	6		"	"		
11	6					
12	6		"	"		
1	6					Midnight- fresh breezes
2	6		"	"		& clear
3	6					
4	6		"	"		
5	6					
6	6		"	"		
7	6					At 4 & 8 D° wc ather
8	6		"	"		
9	6					Lat by Obs 17-06 N
10	6		"	"		Lon " D R 155-2-2 W
11	6					
12	6		"	"		Moru fresh breezes & clear

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Tahiti towards San Francisco

C N Freeman Comd

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Wednesday day of 4th May 1864
1	6	1/2	N 1/2 E	E by N		Begins with Moderate breezes & clear weather People employed Painting Ship
2	5	1/2				
3	5	1/2	"	"		
4	5	1/2				
5	5	1/2				
6	5	1/2	N by E	E by N		
7	5	1/2				
8	5	1/2	"	"		At 6h 8 D. M. weather
9	5	1/2				
10	5	1/2	"	"		
11	5	1/2				
12	5	1/2	"	"		Midnight- Moderate breezes & cloudy
1	5	1/2				
2	5	1/2	"	"		
3	5	1/2				
4	5	1/2	"	"		At 3-30 M heavy rain Shower
5	5	1/2				
6	5	1/2	"	"		
7	5	1/2				
8	5	1/2	"	"		At 8 A M Moderate breezes & clear
9	5	1/2				
10	5	1/2	"	"		Lat by Obs 19-17 N
11	5	1/2				Lon " D R 15-2 = 22 W
12	5	1/2	"	"		Noon fresh breezes & clear

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff of Lon	Lon. in.	Lon. by Ob

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Thursday day of May 5th 1864
1	5		N 1/2 W	N E B E		Begins with fresh breezes & clear weather
2	5	1/2				
3	5	1/2	"	"		
4	5	1/2				
5	5	1/2				At 4h 8 D. M. weather
6	5	1/2	"	"		
7	5	1/2				
8	5	1/2	"	"		
9	5	1/2				
10	5	1/2	"	"		
11	5	1/2				Midnight- fresh breezes & clear
12	5	1/2				
1	5	1/2	"	"		
2	5	1/2				
3	5	1/2	"	"		
4	5	1/2				At 4h 8 A M D. M. weather
5	5	1/2				
6	5	1/2	"	"		
7	5	1/2				Lat by Obs 21-27 N
8	5	1/2	"	"		Lon " D R 15-2-3/4 W
9	5	1/2				
10	5	1/2	"	"		Noon fresh breezes & clear
11	5	1/2				
12	5	1/2	"	"		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Tahiti to San Francisco

C. N. Freeman Comd.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Friday day of May 6th 186
1	5		NNW	NE		Begins with fresh breze
2	5					& clear pleasant weather
3	5		"	"		People employed painting
4	6					Ship
5	5		"	"		
6	5					
7	5		"	"		At 4 P 8 Do weather
8	5					
9	5		"	"		
10	5					
11	5		"	"		
12	6					Midnight fresh breezes
1	6		"	"		& clear
2	6					
3	6		"	"		
4	6					At 4 P 8 Do weather
5	6		"	"		
6	6					
7	6		"	"		
8	6					
9	6		"	"		
10	6					Lat by Obs 23-14 N
11	6		"	"		Long " D R 153-29 W
12	6					Winds "Moderate breez & clear

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday day of May 7th 186
1	6		NNW	NE		Begins with fresh breez
2	6					& clear pleasant weather
3	4	1/2	"	"		
4	4	1/2				
5	5		"	"		
6	5					
7	5		"	"		At 6 P 8 Do weather
8	5					
9	5		"	"		
10	5					
11	5		"	"		
12	5					Midnight- fresh breezes.
1	5		"	"		& clear
2	5					
3	5		"	"		
4	5					
5	5		"	"		
6	5					At 4 P 8 A M Do weather
7	5		"	"		
8	5					Lat by Obs 25-06 N
9	4		"	"		Long " D R 154-14
10	4					
11	4		"	"		Moon light- air & clear
12	3					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Tahiti towards San Francisco

A. N. Freeman Comd.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Sunday day of May 8th 1864
1	2		North	E N E		Begins with light airs
2	2					& cloudy
3	2					
4	2					At 4 P M calm & cloudy
5	2					
6			Calm			
7						
8			heading			
9						
10			all			Midnight- Calm & cloudy
11						
12			around			
1						
2			the			
3						
4			compass			At 4 P M Calm & cloudy
5						
6						Lat by Obs 25-27 N
7						Lon by D R 154-14 W
8						
9	3		North			Noon light winds & clear
10	3					
11	3					
12	3					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday day of May 9th 1864
1	2		NBE			Begins with light winds
2	2					& clear weather People
3	2					employed painting Spars
4	2					
5	2		EbN	NBE		
6	2					
7	2					At 4 P M light airs & cloudy
8	1					
9	2					
10	2					
11	2					
12	2					Midnight- light airs &
1	2					cloudy
2	2					
3	2					
4	2					
5	2					
6	2					At 4 A M Dit weather
7	2					
8	2					Lat by Obs 26-27 N
9	2					Lon by D R 153-30 W
10	2					
11	2					Noon light airs & cloudy
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Tahiti towards San Francisco

C N Freeman Comd.r

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Tuesday day of May 10th 184
1	2		NW	NNE		Begins with light wind & Cloudy weather Sailed
2	2					
3	2		"	"		to the Westward
4	2					
5	2		"	"		
6	2					At 4 P M Do weather
7	2		"	"		
8	2					
9	2					
10	2		"	"		
11	2					
12	2		"	"		Midnight light wind & cloudy
1	2					
2	2		"	"		
3	2					
4	2		"	"		
5	2					
6	2		"	"		At 4 P M & 6 AM Do weather
7	2					
8	2		"	"		
9	2					Lat by Obs 26-19 N
10	2		"	"		Lon " D R 154-19 W
11	2					
12	2		"	"		Noon light air & clear

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Wednesday day of May 11th 18 6
1	2		NNW	NE		Begins with light air
2	2					& Clear pleasant weather
3	/		"	"		
4	/					
5	/		"	"		
6	/					
7	/		"	"		At 8 Do weather
8	/					
9	/		"	"		
10	/					
11	/					
12	/		"	"		Midnight light air & cle
1	/					
2	/		"	"		
3	/					
4	/		"	"		
5	/					
6	/		"	"		At 4 Do weather
7	/					
8	/		"	"		
9	/					
10	2		"	"		Lat by Obs 26-45 N
11	2					Lon " D R 154-30 W
12	2		"	"		Noon light winds & clear

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Tahiti towards San Francisco

C. N. Freeman Comd.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. day of 4th 1864
						Thursday May 4th
1	4		N N W	N E		Begins with Mo. derate
2	4					breezes & clear pleasant
3	4		"			weather
4	4			"		
5	4		"	"		
6	4					
7	4		"	"		
8	4					At 4 P M Do. weather
9	4		"	"		
10	4					
11	4		"	"		
12	4					
1	5		"	"		
2	5					Midnight Moderate breezes
3	5		"	"		& clear
4	5					
5	5		"	"		Lat by Obs 28=40 N
6	5					Lg. D R 156-00 W
7	5		"	"		
8	5					At 4 P 8 A M Do. weather
9	5		"	"		
10	5					At 10 A M fresh breezes in
11	5		"	"		Royals & F. S. S. Sail & F. T. Sail
12	5					heavy head Sea
	5		"	"		Noon fresh breezes & a heavy head

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. day of 13th 1864
						Friday May 13th
1	5		N N W	N E		Begins with fresh breezes
2	5					& cloudy avrg heavy head
3	5		"	"		Sea &
4	5					
5	5		"	"		
6	5					
7	5		"	"		At 8 Do. weather
8	5					
9	5		"	"		
10	5					At 10 in M. T. G. Sail & Fly Jib
11	4		"	"		
12	4					
1	4		"	"		Midnight Strong breezes
2	4					& cloudy
3	4		"	"		
4	4					
5	4		"	"		
6	4					At 4 8 Do. weather
7	4		"	"		
8	4					At 9 A M Set all Sail
9	4					
10	4		"	"		Lat by Obs 30=15 N
11	4					Lg. D R 155-40 W
12	4		"	"		Noon Moderate breezes & cloudy
	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Tahiti towards San Francisco

C N Freeman Comd.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday day of May 14th 18
1	4		NNE	NE	Bake	Begins with Moderate
2	4					breze & cloudy weather
3	4		"	"		
4	3					J H Bake
5	3		"	"		
6	3				J H Ba	At 4 P M Dº weather
7	3		"	"		
8	3					J H Baker
9	3		"	"		
10	3					Midnight- light winds
11	3		"	"		& cloudy
12	3					J H Baker
1	3		"	"		
2	3					
3	3		"	"		At 4 P M Dº weather
4	3					
5	3		"	"		
6	3					
7	3		"	"		At 8 A M Jacked to the
8	3					Eastwards
9	3		ENE	North		
10	3					Lat by Obs 31-20 N
11	3		"	"		Lon by D R 154-50 W
12	3					Noon light winds & cloudy

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Sunday day of May 15th 18
1	3		E by N	NNE		Begins with light winds
2	3					& cloudy
3	3		"	"		
4	3					
5	2		"	"		
6	2					At 4 P M Dº weather
7	2		"	"		
8	2					
9	2		"	"		
10	2					
11	2		"	"		
12	2					Midnight- light winds
1	2		"	"		& cloudy
2	2					
3	2		"	"		
4	2					
5	3		"	"		
6	3					At 8 A M fresh winds & cloudy
7	3		"	"		
8	3					
9	5					Lat by Obs 31-15 N
10	5		ENE	North		Lon " D R 155-50 W
11	5					
12	5					Noon fresh breze & cloudy

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Tahiti towards San Francisco

C N Freeman Comd.r

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday May 16th 1864
1	5		N N E & E	N B E		Begins with fresh breezes & cloudy weather
2	5					
3	5		"	"		
4	5					
5	5		"	"		
6	5					At 4 P M D° weather
7	5		"	"		
8	5					
9						
10	5		"	"		
11	5					
12	5		"	"		
1	4		"	"		Midnight fresh breezes & cloudy weather
2	4					
3	4					
4	4		"	"		
5	4		"	"		At 4 A M D° weather
6	4					
7	4					
8	4		"	"		
9	4					Lat by Obs 31-11 N
10	4		"	"		Lg " D R 153-00 W
11	4					
12	4					Noon light wind & clear

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Tuesday May 17th 1864
1	5		N E	N W		Begins with light winds & clear pleasant weather
2	5					
3	5		"	"		
4	5					At 4 A M fresh breezes & cloudy
5	5		"	"		
6	5					
7	5		"	"		
8	5					
9	5		"	"		
10	5					Midnight Moderate breze & clear
11	5		"	"		
12	5					
1	5		"	"		
2	5					
3	5		"	"		
4	5					At 4 A M D° weather
5	5		"	"		
6	5					
7	5			"		Lat by Obs 32-00 N
8	5					Lg " D R 151-00 W
9	5		"	"		
10	5					
11	5		"	"		Noon Moderate breze & clear
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Tahiti towards San Francisco

C. N. Freeman Comd.r

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Wednesday day of May 18th 18
1	4		N E	N W		Begins with light winds
2	4					& cloudy weather.
3	4		"	"		Tahiti
4	4					
5	4		"	"		
6	4					At 4 & 6 light winds & clou
7	4					
8	4		"	"		Cam[illegible]
9	4					
10	4		"	"		
11	4					Mi[illegible]ght light winds
12	4		"	"		& cloudy weather
1	3					
2	3		"	"		
3	3					
4	3		"	"		At 4 & 8 Fine weather
5	3					
6	3		"	"		
7	3					
8	3		"	"		Lat by Ob 32-34 N
9	3					Lon " D R 150-17 W
10	3		"	"		
11	3					
12	3		"	"		Mid light winds & cloudy

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Thursday day of May 19th 18 6
1	2		N E	N W		Begins with light air
2	2					& cloudy weather
3	1					
4	1		"			At 4 & 8 Calm & cloudy
5			Calm	"		
6						
7						
8						
9			"	"		Mi[illegible]ght Calm & clou
10						
11			"	"		
12						
1			"			At 4 & 8 a M Fine weather
2						
3						
4			"			
5						
6						
7				"		Lat by Ob 32-46 N
8			"			Lon " D R 149-51 W
9						
10	1		N N W	S S E		
11	1					
12	1					Noon light air & cloudy

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Tahiti towards San Francisco

Ch N Freeman Com.r

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Friday day of May 20th 1864
1	4		N E	S E		Begins with moderate breezes & cloudy weather
2	4					
3	4					
4	4					
5	4					
6	4					At 4 A.M. [illegible] weather
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					Midnight- Moderate breezes & cloudy
1	4					
2	4					
3	4					
4	4		S E	South		
5	4					At 4 A.M. Light Airs & fair weather
6	4					
7	4					
8	4					Lat by Obs 33-15 N
9	4					Long " D R 148-38 W
10	4					
11	4					Noon Moderate breezes &
12	4					cloudy weather

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday day of May 21st 1864
1	5		N E			Begins with fresh breezes & cloudy
2	5					
3	5					
4	5					
5	5					
6	5					At 4 A.M. Light weather
7	5					
8	5					
9	5					
10	5					
11	5					
12	4					Midnight- Moderate breezes & cloudy
1	4					
2	4					
3	4					
4	4		N E	S S E		
5	4					At 4 A.M. Light airs
6	4					
7	4					Lat by Obs 33-15-N
8	4					Long " D R 146-30 W
9	4					
10	4					Noon Moderate breezes
11	4					& cloudy
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Tahiti towards San Francisco
& V Francisco

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Sunday day of May 22nd 18
1	4		N E	S W		Begins with light winds &
2	4					cloudy weather
3	4		"	"		
4	4					
5	4		"	"		
6	4					At 4 P.M. Do. weather
7	4		"	"		
8	4					
9	5		"	"		
10	5					
11	5		"	"		Midnight Moderate bre
12	5					& cloudy
1	5		"	"		
2	5					
3	5		"	"		At 4 Do. weather
4	5					
5	4		"	"		
6	4					At 8 A.M. the winds haule
7	4		"	"		Suddenly to the N.W with ra
8	4					
9	4		N E by E	N N W		Lat by Obs 34-21 N
10	4					Lon by D R 144-33 W
11	4		"	"		Noon fresh breezes & cloudy
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday day of May 23rd 18
1	4		E by N	N by E		Begins with fresh breezes
2	4					& cloudy weather
3	4		"	"		
4	4					
5	4		"	"		
6	4					At 4 P.M. Do. weather
7	4		"	"		
8	4					
9	4		"	"		
10	4					
11	4		"	"		Midnight light winds &
12	4					cloudy Jacked to the
1	4		N N W	N E		westward
2	4					
3	4		"			
4	4					
5	4		"			
6	4					At 4 P.M. Do. weather
7	3		"			
8	3					Lat by Obs 34-44 N
9	3		"			Lon by D R 146-00 W
10	3					
11	3		"			Noon light winds & cloudy
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Tahiti towards San Francisco

C N Freeman Comd

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Tuesday day of May 24th 1864
1	3		N E	E S E		Begins with light winds & cloudy weather
2	3					
3	3		"	"		
4	6					
5	3		"	"		
6	3					At 4 P M Dº weather
7	3		"	"		
8	3					
9	3		"	"		
10	3					Midnight Moderate breezes & cloudy
11	3		"	"		
12	3					
1	3		"	"		
2	4					
3	4					At 5 A M Sat Starb Stu & Sail
4	4		N E	South		
5	4					
6	4		"	S W		
7	4					
8	4		"	"		Sat 6 Obs 35-22 N Long " D R 144-49 W
9	4					
10	4		"	"		
11	4					Noon Moderate breezes & cloudy weather
12	4		N E	South		

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Wednesday day of May 25th 1864
1	6		N E	S S W		Begins with fresh breezes & cloudy weather
2	6					
3	6		"	"		
4	6					
5	6		"	"		
6	6					At 4 P M Dº weather
7	6		"	"		
8	6					
9	6		"	"		
10	6					
11	6		"	"		Midnight fresh breezes & cloudy
12	6					
1	6		"	"		
2	6					
3	6		"	"		At 4 P M fresh breezes & passing Fogg Squalls with small rain
4	6					
5	6		"	"		
6	6					Lat by Obs 36-29 N Long " D R 144-40 W
7	6					
8	6		"	"		
9	6		N E	South		
10	6					Noon fresh breezes & passing small rain
11	6					
12	6		"	"		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Tahiti towards San Francisco

C. A. Freeman Comdr.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Thursday day of May 26th 18
1	8		NEbE	South		Begins with fresh breezes & cloudy weather
2	8		"			
3	8			"		
4	8		"			
5	8			"		At 4 P.M. 8 Do. weather
6	8		"			
7	8			"		
8	8		"	"		
9	8			"		
10	8		"			Midnight fresh breezes & cloudy weather
11	8			"		
12	8		"			
1	8			"		
2	8		"			
3	8			"		At 4 A.M. 8 Do. weather
4	8		"			
5	8			"		Lat by Obs 37-32 N
6	8		"			Long " D R 141-16 W
7	8			"		
8	8		"			
9	8			"		
10	8		"			Noon fresh breezes & cloudy
11	8			"		
12	8		"			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Friday day of May 27th 18
1	6		ENE	South		Begins with Moderate breezes & cloudy weather
2	6					
3	6		6	"		
4	6					
5	6					At 4 A.M. 8 light winds & cloudy
6	6		"	"		
7	6					
8	6		"	"		
9	6					
10	6		"	"		Midnight light winds & cloudy
11	6					
12	6		"	"		
1	6					
2	6		"	"		
3	6					
4	6		"	"		At 4 A.M. 8 Do. weather
5	6					
6	6		"	"		Lat by Obs 37-46 N
7	6					Long " D R 138-40 W
8	6		"	"		
9	6					
10	6			"		Noon light winds & cloudy
11	6		"	"		
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Tahiti towards San Francisco

& N Freeman Comd.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. day of Saturday May 28th 1864
1	1	1/2	E B N	S E B S		Begins with light wind
2	1	1/2	"			& cloudy weather
3	1					
4	1					
5	1			"		At 4 & 8 Do weather
6	1					
7	1		"	"		
8	1					
9	1		"	"		
10	1					
11	1		"	"		
12	1					Midnight light wind
1	1		"	"		& cloudy weather
2	1					
3	1		"	"		
4	1					
5	1		"	"		At 4 & 8 A M Do weather
6	1					
7	1		"	"		
8	1					
9	1		"			Lat by Obs 37-47 N
10	1					Lon by D R 138-00 W
11	1		"	"		Noon light wind & cloudy
12	1		"	"		

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. day of Sunday May 29th 1864
1	1		E B N	S E B S		Begins with light wind
2	1					& cloudy weather
3	1					
4	1					
5	1		North	E N E		At 4 & 8 Do weather
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					Midnight light winds &
1	1					cloudy weather
2	1					
3	1					
4	1					
5	1					At 5 A M Jacked to the
6	1					Eastward
7	1					
8	1					Lat by Obs 38-28 N
9	1					Lon " D R 137-30 W
10	1					
11	1					Noon light winds & cloudy
12	1					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Tahiti towards San Francisco

C. A. Freeman Comdr.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday day of May 30th
1	2		East	N N E		Begins with light air
2	2					& cloudy weather
3	2		"	"		
4	2					
5	2		"	"		At 4 P M & P M Do weather
6	2					
7	2		"	"		
8	2					
9	2		"	"		
10	2					
11	2		"	"		Midnight light wind
12	2					& cloudy weather
1	2					
2	2		East	N N E		
3	2					
4	2		"	"		
5	2					At 4 P M & A M Do weather
6	2					
7	2		"	"		
8	2					Lat by Obs 38-07 N
9	2					Lng " D R 136-40 W
10	2		"	"		
11	2					Noon Calm & cloudy
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Tuesday day of May 31st
1						Begins with Calm & cloudy
2						weather
3						
4						
5						At 4 P M weather
6						
7	3		E by S	S E by S		At 6 light winds & cloudy
8	3					
9	3		"	"		
10	3					
11	3		"			
12	3					Midnight light winds &
1	3		E N E	S E		cloudy
2	3					
3	3		"	"		
4	3					
5	3		"	"		At 4 P M & A M Do weather
6	3					
7	3		"	"		Lat by Obs 38-07 N
8	4					
9	4					
10	4		"	"		
11	4		E by N	S E by E		Noon light breeze & cloud
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Tahiti towards San Francisco
by S. S. Freeman Commd.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Wednesday 1st day June 1864
1	3		E B N	S S E		Begins with light breze & Cloudy weather
2	3					
3	3		"	"		
4	3					
5	3		"	"		
6	3					At 4 P M Dº weather
7	3		"	"		
8	3					
9	3		"	"		
10	3					
11	3		"	"		Midnight light wind & cloudy weather
12	3					
1	3		"	"		
2	3					
3	3		"	"		
4	3					
5	3		E B N	N W		At 4 Sat Stu^d Sail^d on the Port Side
6	3					
7	3		"	"		
8	3					Lat by Obs 38-05 N
9	3		"	"		
10	3					
11	3		"	"		Noon light breze & cloudy
12	3					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff of Lon	Lon. in.	Lon. by Ob

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Thursday 2nd day of June 1864
1	3		E B N	N W		Begins with Moderate breze & cloudy weather
2	3					
3	3		"	"		
4	3					
5	3		"	"		
6	3					
7	3		"	"		At 4 P M Dº weather
8	3					
9	3		"	"		
10	3					
11	3		"	"		
12	3					Midnight Moderate breze & cloudy
1	3		"	"		
2	4					
3	4		"	"		
4	4					
5	4		"	"		At 4 P M Dº weather
6	4					
7	4		"	"		Lat by Obs 37-43 N
8	4					
9	4		"	"		
10	4					
11	4		"	"		Noon Moderate breze & cloudy weather
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Sahiti towards San Francisco

C N Freeman Comd.r

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. day of 18
1	8		E & N E	N W		Friday June 3d Begins with Moderate breezes & cloudy weather
2	8					
3	8					
4	8					
5	8					
6	8					At 8 fresh breezes & cloudy
7	8					
8	8					
9	8					
10	8					
11	8					
12	8					Midnight Strong breeze & cloudy
1	8					
2	8					
3	8					
4	8					At 4 A M D.o weather
5	8					
6	8					
7	8					At 8 A M Made the South Farallons bearing E.N.E 6 Leag 12 miles Dist
8	8					
9						
10						At 2 P M came to anchor off Harbour punted Sails &c
11						
12						At 10h 30m hove in along side of the wharf Midnight fresh breezes & cloudy So Ends the Passage

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. day of 18
1						Journal of
2						
3						
4						the Brigg Helmetta
5						from San Francisco towards
6						
7						C N Freeman Master
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from San Francisco towards Ka Ka Ji

E H Freman Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Tuesday day of Sept 17th 18
1						At 2 P M got undersweigh from
2						the stream proceded to sea
3						
4						At 6 P M Farallones
5						bore N ½ W 15 miles from
6						which I take my Dept
7						
8	6		S W ½ W	N W		
9	6					
10	6					
11	6					
12	6					
1	6					Middle & Latter part
2	6					fresh breezes & cloudy
3	6					
4	6					
5	6					
6	6					
7	6					Lat 66 38-5-N
8	6		South			
9	5		S E	"		
10	5					
11	5					
12	5					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff of Lon	Lon. in.	Lon. by Ob

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Wednesday day of 18th Sept 18
1	4	½	S S E	N W		Comes in with pleasent weather
2	4	½				with moderate breezes from N W
3	4	½				all drawing sail set
4	4	½				
5	4	½				
6	4	½				
7	4	½				
8	4	½	"	"		
9	5					
10	5					
11	5					Middle Part Cloudy
12	5		"	"		with light breezes
1	4	½				
2	4	½				
3	4	½				
4	4	½				
5	4	½				
6	4	½	S E	"		Latter Part clear with light
7	4	½				Breeze from the N W
8	4	½				
9	4	½				
10	4	½				Lat ½ Ob S [illegible] W
11	4	½				Long D R 122 35 W
12	4	½				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from San Francisco towards Ca Bay

C. A. Forman Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
						day of Thursday Sept 8
1	8		S E	N W		Comes in with clear pleasant
2	8					weather with light breezes
3	8					from N W all drawing
4	8					sail set to the best advantage
5	8					
6	8					Employed at Ships
7	8					in general
8	3					
9	3					
10	4					
11	4					
12	4		"	"		
1	4					Middle Part cloudy with
2	4					light Breezes
3	4					
4	4					
5	5					
6	5					
7	5					
8	5		"	"		Latter Part fresh Breezes
9	6					clear weather
10	6					Lat by Obs 32° 56 N
11	6					Long by D R 121° 28 W
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
						day of Friday Sept 9th 18
1	6		S E	N W		Comes in with fresh breezes from
2	6					the N W with pleasant weather
3	6					
4	6					All drawing sail set to
5	6					the best advantage employed
6	6					at Ships work in general
7	6					
8	6					
9	6					
10	6					
11	5					
12	5		"	"		Middle & Latter Part
1	5					moderate breezes with fine
2	5					weather
3	5					
4	5					
5	5					
6	4					Lat by Obs 31° 26 N
7	4					Long by D R 120° 16 W
8	4		"	"		
9	4					
10	4					
11	4					
12	4					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from San Francisco towards Lon Ob'y

D W Keenan Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday day of Sept 10th 1864
1	3	4	S E	N N W		Comes in with breezes from the N N W with pleasant weather all drawing sail set to the best advantage
2	3	4				
3	3	4				
4	3	4				
5	3	4				
6	3	4				
7	3	4				Employed at sheps work in general
8	3	4	"			
9	4					
10	4					
11	4					
12	4		"	N N W		
1	6					Middle Part moderate breezes from N N W
2	6					
3	6					
4	6					
5	6					
6	6		"	"		
7	6					Latter Part the same
8	6					
9	6					Lat by Ob 29° 57 N
10	6					Long by D R 118 38 W
11	6		"	"		
12	6					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff of Lon	Lon. in.	Lon. by Ob

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Sunday day of Sept 11th 1864
1	6		S E	N N W		Comes in with light breezes from N N W with pleasant weather all drawing sail set to the best advantage
2	6					
3	6					
4	6					
5	6					
6	6					
7	4					
8	4					
9	5					
10	5					Middle Part rainy cloudy with light breezes from N W
11	5					
12	5		"	N W		
1	5					
2	5					
3	5					
4	5					
5	6					Latter part clear & pleasant
6	5					
7	5					
8	5					Lat by Ob 28° 33 N
9	5					Long " D R 117° 13 W
10	5		"	"		
11	5					
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from San Francisco towards Callao

C W Feenan Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday day of Sept 12th 18
1	5		S E.	N N W		Comes in with light breezes
2	5					from the N W with clear
3	6					pleasent wea ther all drawing
4	5					sail set to the best advantag
5	5					
6	5					
7	5					Employed at ship
8	5					work in general
9	5					
10	5					
11	5					
12	5					
1	5					Middle & Latter part
2	6					the same
3	5					
4	4		S E by E	N N W		
5	4					
6	4					
7	4					
8	4					Lat by Obs 27' 11 N
9	4					Long " D R 115 40 W
10	4					
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Tuesday day of Sept 13th 184
1	4		S E by E	N N W		Comes in with clear pleasent
2	4					weather with light breezes from
3	4					N W all drawing sail set to
4	4					the best advantage
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					Middle & Latter part the same
11	4					
12	4		"	"		
1	4					
2	4					
3	4					
4	4					
5	4					Lat by Obs 26 ' 2.0 N
6	4					Long " D R 114 22. W
7	4		"	"		
8	4					
9	4					
10	4					
11	4					
12	4					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from San Francisco towards [illegible]

C F Freman Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Wednesday day of Sept 14th 1864
1	3	4	SE by E	N.W		Comes in with light breezes
2	3	4				from the N W with clear and
3	3	4				pleasent weather all drawing
4	3	4				sail set to the best advantage
5	3					
6	3					Employed at ship work
7	3		SE	0		in general
8	3					
9	4					
10	4					
11	4					
12	4					
1	4					
2	4					Middle part the same at
3	4					5 P M sead the land bearing
4	4					E S E 50 miles dist
5	4					
6	4					
7	4		SE by E	"		Latter part light breezes
8	4					from the Northward
9	4			North		
10	4					Lat by Obs 25° 18 N
11	4					Long D R 113° 10 W
12	4		"			

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff of Lon	Lon. in.	Lon. by Ob

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Thursday day of Sept 15th 1864
1	3		SE by E	N W		Comes in with light breezes and
2	3					pleasent weather all drawing
3	3					sail set to the best advantage
4	3					
5	4					Employed at ships work
6	4					in general
7	4					
8	4					
9	4					
10	4					
11	4					Middle part light breezes
12	4		"	"		from the N W with pleasent
1	3					weather
2	3					
3	3					
4	3					
5	3					
6	3					
7	3					Latter light airs with
8	3		"	"		heavy swell from the S W
9	3					Margaretta Island bore E N E 20
10	3					mile dist
11	3					Lat by Obs 24.36 N
12	3					Long D R 112° 08 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from San Francisco towards Callao

C W Freeman Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Friday day of Sept 16 18
1	2		Ebb E	N W by N		Comes in with light airs
2	2					from the W W by the a hea
3	2					swell from the S W all
4	2					drawing sail at to the bes
5	1½					advantage
6	1½					
7	1½					Employed at ship
8	1½					work in general
9	1½					
10	1½					
11	1½					
12	1½					
1	1					
2	1					Middle part the same
3	1					the Land still in sight
4	1					
5	1					
6	1		S E	W S W		
7	1					
8	1					
9	1					Later part light breze
10	1					W N W
11	1					Lat by Ob 24 0 S
12	1					Long " D R 111 41 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Saturday day of Sept 17th 18
1	4		S E	N W		Comes in with light breezes
2	4					from the W N W with pleasa
3	4					weather all drawing sail at
4	4					to the best advantage
5	5		S E by E	W N W		
6	5					Employed at ships
7	5					work in general
8	5					
9	5					
10	5					
11	4					Middle part the same
12	4					
1	1					
2	1					
3	1					
4	1					
5	2					
6	2					
7	2		S S E	W N W		Latter part the same land
8	2					still in sight
9	2					
10	2					
11	2					Lat by Ob 23 17 S
12	2					Long " D R 110 43 W

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from San Francisco towards [illegible]

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Sunday day of Sept 18th 1864
1	3		ESE	WNW		Comes in with light breezes from
2	3					W N W with pleasant weather
3	3					all drawing sail set to the best
4	3					advantage land still in sight
5	3		E by S	"		
6	3					
7	3					
8	3					
9	1	K				
10	1	K				
11	1	K				
12	1	K				
1	2					Middle part the same
2	2					
3	3					
4	3		E by S	NW		
5	2					Latter light breezes from
6	2					NW at 4 P M Cape St Lucas
7	2					bore by compass E by S 12 miles dist
8	2					at noon Cape Corl by compass
9	2					E by N 10 miles dist
10	2					Lat by Ob 22 50 N
11	2		"	"		Long " D R 109 45 W
12	2					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff of Lon	Lon. in.	Lon. by Ob

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday day of Sept 19 1864
1	3		E by S	NW		Comes in with light breezes
2	3					from N W with clear pleasant
3	3					weather all drawing sail
4	3					set to the best advantage
5	2		E by N	"		Cape St Lucas bore by
6	3					Compass E by N 8 miles dist
7	4		NE by N	"		
8	4					Employed at ships
9	4					work in general
10	4					
11	2		E by E	N E		Middle part light airs from
12	2					the N E midnight Cape St
1	1					Lucas bore N W by W 8 miles dist
2	1					wind hauled to the N E
3	1					
4	1					
5	1		NE by N	NNW		Latter part light airs from
6	1					E [illegible] noon Cape Lucas bore
7	1					by compass 12 miles N by E
8	1					Lat by D R 23 01 N
9						Long " " 109 05 W
10	lead					
11	2		North	W by N		
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from San Francisco towards Cape Horn

G. W. Gunnyon Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	2		W by S	W by S		day of 18
2	2					Tuesday Sept 6 0
3	2					Comes in with light airs from
4	2					the Eastward with clear pleasant
5	2					weather all drawing sail set
6	2					to the best advantage at 4
7	2					PM Cape Palmo bore by
8	2					Compass North 12 miles dist
9	2					Employed at ships
10	/					in general
11	/					
12	/		S 78½ W	S W		
1	/					Middle part light airs from
2	/					the Eastward
3	/					
4	/					Cape Palmo bore by
5	/		"	"		Compass W½ N 7 miles dist
6	/					
7						Latter part Calms
8						
9						Lat 4 46 23 18 N
10			E by N			Long " D R 108 47 W
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1						day of 18
2						Wednesday Sept 21st
3						Comes in with light airs from
4						the Eastward all drawing
5						sail set to the best advantage
6						
7						
8						
9	1		NW by W	NW by W		
10	1					
11	2					
12	2					Middle part light airs from
1	2					the westward
2	2					
3	2					
4	2					
5	2					
6	2					Latter part Calms at noon
7	2					Cerebro Isle bore by Compass N W
8	2		W			14 miles dist
9						
10						Lat 23 36 N
11						Long 108 56 W
12						

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from San Francisco towards Honolulu

Lt A Freman Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Thursday day of Sept 22, 1864
1	2		NW	NNE		comes in with light airs
2	2					from the NE with pleasant
3	2					weather all drawing sail
4	2					set to best advantage
5	2					Dist by Compass NW by W
6	2					8 miles dist
7	2					
8	2					
9	2					
10	2					
11	2					Middle & Latter part the
12	2		"	"		same
1	2					
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					Noon by the Sextant end of
8	2		"	West		Cuvalho Island bore
9	3					NW by W 14 miles dist
10	3					Spirit Santo Isle bore W by S 25
11	3					miles dist Lat by Ob 24°53 N
12	3		"	"		Long by R 109°01 W

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff of Lon	Lon. in.	Lon. by Ob

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Friday day of Sept 23 1864
1	2		NNW	West		Comes in with light breezes
2	2					from the westward with
3	2		SW			clear pleasant weather all
4	1/2		"			drawing sail set to best
5						advantage
6						
7						Employed at ships
8						work in general
9	4		NW by W	SW		
10	4					
11	4					
12	4					Middle part rest hove
1	1		West			from the W at midnight hove to
2	1					with head to the Northward
3	1					
4	1					
5	1					Latter part light airs and
6	1		W by S	South		calms at 4 PM made all
7	2					sail at 7 PM tacked to the South
8	2					Isle Spirit Santo bore W by N 12
9	2					dist San Jose bore W 20 miles dist
10						
11						Lat by Ob 25°10 N
12						Long by R 109°34 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from San Blanzico towards Oahu

by A Tremain Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	1½		S by W ½ W	West		day of Saturday Sept 24 1842
2	1½					Course as Light baffling
3	1½					airs with Calms
4	1½		"	"		at 6 P.M. the
5						Pt. Sprits of Santas bore
6						by Compass S by W ½ W miles
7						dist
8						San Jose Island
9						by Compass W ½ N 25 miles
10						dist
11						Employed at ships
12	2		W by S	South		work in general
1	2					
2	2					Middle part light breezes
3	2		S E	S by E		from E by N at daylight tacked
4	2					to the S E
5	2		S E	"		
6	2					at 2 P.M. tacked
7	2					to the Westward
8	2					at 10 P.M. tacked
9	2					to the westward
10	2					Lat by D R 24 47
11	1½		W by S	South		Long " " 109 38
12	1½					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	2					day of Sunday Sept 25 1842
2	2					Commences with fresh breezes
3	2					from the S E with clear pleasant
4	2					weather all steering sail set
5	2					to the best advantage
6	2					at noon Sprits
7	2					Pt. bore by Compass
8	2					S S E 6 miles
9	2					Island bore
10	2					by Compass N W ½ W 6 miles
11	1					
12	1					Middle & Latter part the
1	1		taking to the N W & S E			same
2	1		ery in hours			at 11 P.M. Pilot came
3	1					on board
4	1					at 12 P.M. anchored in 34 fathom
5	1					water with 5 fathoms chain
6	1					soends the passage
7	1					
8	1					
9	2					
10	2					
11	2					
12	2					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from ..... towards .....

of Barque Palmetto Lying in Lat ..... by .....

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	18

Monday Sept 26th

Comes in with light breezes from the N W with pleasant weather employed discharging cargo discharged 17 M 85 ft M & 4 M timber to cap of Rect Heavens Latter part weather the same

Tuesday Sept 27th

Comes in with fresh breze from the Northward with pleasant weather employed in getting ships lumber on in order to get at the cargo Martin Vatie sick off duty sick middle & latter part weather the same

Wednesday Sept 28

Comes in with light breezes from the N W with clear pleasant weather employed discharging cargo and taking ships lumber on board ends with light breezes from the N W

Thursday Sept 29

Comes in with light breezes from the N W employed in discharging lumber middle & latter part the same Martin Vatie still off duty employed two men from shore

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	1864

Friday Sept 30th

Comes in with light breezes from the N W with pleasant weather employed discharging cargo Martin Vatie still off duty two men at work from shore ends with light breezes from the N W

Saturday Oct 1st

Comes in with light breezes from the N W with clear pleasant weather employed discharging cargo Martin Vatie still off duty two men at work from shore ends with pleasant weather

Sunday Oct 2nd

Comes in with light breezes from the N W with clear pleasant weather employed discharging cargo Martin Vatie still off duty employed on liberty ends with weather the same

Monday Oct 3rd

Comes in with light breezes from the N W with a clear pleasant weather employed discharging cargo and putting ships lumber below Martin Vatie still off duty ends with fine weather

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Bargara towards Bingara

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Tuesday day of Oct 5th 18
1						Comes in with light breezes from the S.W with fine
2						pleasant weather discharging the cargo
3						from the Schooner and put the ships ballast
4						below Master Valley left the vessel without
5						leave ends with light breezes from the S.W
6						
7						
8						Wednesday Oct 4th
9						Comes in with light breezes from
10						the S.W with clear pleasant weather Edward Jones
11						came on board as seaman employed in getting
12						ready for sea ends with light breezes from the
1						S.W Moored Ship Hilton 10 days from
2						Batavia to [illegible]
3						
4						Thursday Oct 5th
5						Comes in with light breezes
6						from the S.W pleasant weather
7						in this night Felix Mezina Dominado Gonsalves
8						was taken away from the vessel by
9						order of their Consul General Harris in which Gonsalves
10						John Lewis John Sandiego as seamen ends with fine
11						weather with light breezes from the S.W
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Friday day of Oct 6th 18
1						Comes in with light breezes from the S.W.b.W and
2						continues taking in water Moored at 4 Ct PM
3						the Pilot came on board at 6 Ct PM got under weigh and
4						proceeded to sea at 6 Ct PM the Pilot left Black Point
5						bearing West by Compass one mile dist this ends the
6						Harbour log
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Bad Pass towards Manzatlan

C. W. Thomas

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. day of 1864
1						Saturday Oct 8
2						Comes in with Light
3						breezes from the westward with
4						pleasant weather employed
5						in ships work in general
6						
7						at noon Cabo San Lucas
8						by Compass S 8 E 10 miles dist
9						from which I take my
10						departure
11						
12						
1						
2						
3						
4						Latter Part fine weather
5						
6						
7						Lat by Obs 24 32 N
8						
9						Lon DR 109 26 W
10						
11						
12						

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. day of 1864
1	3		E by S	Light		Sunday Oct 9
2	3					Comes in with light
3	3					breezes from the Westward
4	3					with pleasant weather
5	3					employed in ships work
6	3					Comp.
7	3					
8	3					
9	3					
10	3					
11	3					Middle part the same
12	3		"	"		
1	3					
2	3					
3	3					
4	3					
5	3					
6	3					Latter part the same
7	3		"	"		
8	3					
9	2					Lat by Obs 24 15 N
10	2					
11	2					Lon " DR 108 36 W
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Ca H B towards Ma Julian

L. of Seaman Wheeler

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday day of Oct 10th 18
1	2		E & E	S W		Comes in with light breezes
2	2					from the S W with fine
3	2					pleasant weather employed
4	2					in ships work in general
5	1					all drawing sail
6	1					set to the best advantage
7	1					
8	1					
9	3					
10	3					
11	3		E by S	South		
12	3					
1	3					Middle part light airs
2	3					from the southward
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9						Latter part so
10						Lat by OB 28° 58' N
11						Long " " 10° 30' W
12	10					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Tuesday day of Oct 11 18
1	2		E S E	South		Comes in with light breezes
2	2					from the South with clear
3	2					pleasant weather employed
4	2					at ships work in general
5	2					all drawing sail
6	2					set to the best advantage
7	2					
8	2					
9	2					
10	2					
11	2					
12	2		"	"		
1	1					Middle part light airs
2	1					from the southward
3	1					
4	1					
5	1					
6	1					
7	1					Latter the same
8	1					
9	1		"	"		Lat by OB 26° 47' N
10	1					Long " DR 107° 11' W
11	1					
12	1					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Fiji towards Magellan

Ship Kearsarge Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	4		E by E	West		day of Oct 6 1864
2	4					Comes in with light breezes
3	4					from the westward and clear
4	4					weather
5	4					all drawing
6	4					sail set to the best advantage
7	4					at 10 PM wind
8	4					hauled to the S E on a
9	4		"	W E		sq sail
10	4					
11	4					
12	4					
1	2					
2	2					At Midnight moderate
3	2		"			breezes from the
4	2		S W	E		threatening weather at 2 AM
5	1					hove to with head to the
6	1					south wind hauled to East
7	1					at daylight Magellan bore
8	1					E S E 12 miles dist
9	1		"	"		
10	Calm					Latter part calm
11						Lat by Ob 23° 25 N
12						Long " Ac 108° 22 W

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1						day of Thursday Oct 13 1864
2						Comes in with calms with
3						pleasant weather and
4						at ships work in general
5						at 8 PM got a light
6						breeze from the westward all
7	Calm					drawing sail set
8	2		S S E	West		
9						
10	2					
11	2					
12	2					At Midnight fresh squalls from
1	1		S W	Baffling		the Northward hove to with head
2	1					to the southward at daylight
3	1					customs Isle bore S
4	1					N E by E 10 miles made all sail
5	1					and stood in at 10 AM
6	1					Pilot came on board at 11 AM
7	1		N E	E		came to anchor in 18 fathoms
8	2					water with 45 fathoms chain
9	2					
10	2					
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Leaving anchorage towards Magallan

G. N. Brennan Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Friday day of Oct 14th 186
1						Comes in with light breezes from the N E with
2						clear pleasant weather. Towed Steamer John
3						Stephens a French man of war saw two Barques
4						Outside employed in setting up the rigging
5						
6						Saturday Oct 15
7						Comes in with light breezes from
8						the N E with clear pleasant weather employed
9						in getting off water and hove work in general
10						ends with light breezes from N E
11						
12						Sunday Oct 16
1						Comes in with light breezes from N
2						E with pleasant weather at 2 P M Steamer John
3						Stephens hired ends with light breezes from N E
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
From Magallan towards Puget									

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday day of Oct 17th 186
1						Comes in with heavy squalls
2						with rain
3						at 10 A M got under
4						weigh with a light breeze
5						from the S E with rain
6						at noon Custom House
7						Bore by Compass N W 12 m
8						from which I take my
9						departure
10						left in Port Eagle
11	6		S W	S 6		Sloop of war Columbine
12	6		"	"		
1						Lat by Obs 23 01 N
2						Long by D R 106 32 W
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Magellan towards Leyte

W H Beeman Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. day of Tuesday Oct 18 1864
1	½		S.W	S S E		
2	2					Comes in with light breezes
3	2					from the S E with cloudy
4	2					weather all pressent sail
5	/					set to the best advantage
6	/					
7	/					
8	/					
9	/		S W	Baffling		
10	2					
11	2		South	"		
12	2					Middle part light breze from
1	2					S E
2	/					
3	/					
4	2					
5	2					
6	/					
7	/					Latter part light baffling
8	/					with light rain squalls
9	/					
10	/		"	"		Lat by Ob 22 ' 45 N
11	/					Long " 16 R 106 54 W
12	/					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. day of Wednesday Oct 19th 1864
1	2		South	N W E		
2	2					Comes in with light breezes
3	2					from the N E with cloudy
4	2					weather employed at
5	/		S by E	S W		ships work in general all
6	/					drawing sail set to the best
7	/					advantage
8	/					at 10 P M tacked
9	/					to the westward
10	3		W N W	S W		
11	3					Middle part light breezes from
12	3					S W
1	2	¼				
2	2	¼				
3	2	¼				
4	2	¼				
5	/					
6	/					
7	/					Latter part light baffling
8	/					airs
9	/					
10	/					Lat by Ob 22 ' 36 N
11	/					Long by D R 105 1 ' W
12	/					

Calm 2

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from the Patterson towards Nassau

C. W. Freeman Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. day of Thursday Oct 20th 18
1	/		S by W	N.W.		Come in with light baffling airs & Steering sail set to the best advantage
2	/					
3	/					
4	/					at 4 P.M.
5	/					Tag. Maria S. Islands bore
6						E. Compass S.E. by S 35
7						Miles dist
8						
9						
10						
11	3		"	N.W.		Middle part light bearing
12	3					the W.N.W will passing squalls
1	3					
2	3					
3	2	K.				
4	2	J.				at noon Tag Maria Isl.
5	2					bore by Compass East 25 miles
6	2					
7	2					Latter part light bearing
8	2		"	"		the N.N.E
9	2					
10	2					Lat by Ob 21°55 N
11	2					Long " D.R 104°40 W.
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Friday day of Oct 21st 186
1	/		S by W	North		Comes in with light breezes
2	/					from the Northward with
3	/					pleasent weather
4	/					all drawing sail
5	/					set to the best advantage
6	/					
7	/					
8	/					
9	/					
10	/					
11	/					Middle & Latter part light
12	/		"	"		breezes from the eastward
1	4			E by S		
2	4					
3	4					
4	4					
5	4					Latt by Ob 21°00 N
6	4					Long " D.R 108°00 W
7	4					
8	4		"	E by S		
9	4					
10	4					
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Mazatlan towards Puget Sea

D. C. Freeman Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
						day of Saturday Oct 22 1854
1	4		S.by W	E by S		Comes in with light breezes
2	4					from the eastward with
3	4					cloudy weather all under
4	4					sail set
5	4					
6	4					first part of the night
7	4					squally weather Took in
8	4					main royal & haul to head &
9	5		SW by S	S E		spanker
10	5					
11	5					
12	5					
1	5					Middle part cloudy weather
2	5		SW by W	S by E		with heavy squalls from the
3	5					S E to S W
4	5					
5	5		W by S			
6	5					
7	5		S E	S W		Latter part cloudy at 5 A M
8	5					tacked to the S E Saw
9	5					current setting to the westward
10	5					
11	5					Lat by Obs 20 '54
12	5					Long " DR 109 '06

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
						day of Sunday Oct 23 18
1	2	½	S by W	S E		Comes in with light breezes from
2	2	½				the S E with cloudy weather all
3	2	½				drawing sail set to the best
4	2	½				advantage
5	4					
6	4		S by E	E S E		first part of the night
7	5					fresh breezes from E S E to E
8	5					
9	5					Middle part the same
10	5					
11	5					
12	5					
1	5					
2	5					
3	5					
4	4					Latter part moderate breeze
5	4		S ½ W	S E		from S E
6	4					
7	4					Lat by Obs 19 '06
8	4					Long " DR 109 '06
9	3		S by W	"		
10	3					
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Wapatton towards Ry to

C. W. Freeman Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday day of Oct 24 18
1	1/2	1/4	East	E. S. E		Comes in with light breezes from the N. E with cloudy weather at 12 drawing sail not to this last advantage employed repairing sails
2	1/2	1/4				
3	1/2	1/4				
4	1/2	1/4				
5	1/2					
6	1/2					
7	1/2					
8	1/2					
9	2		S. by W	S. E		Middle & latter part the same
10	2					
11	3					
12	3					
1	3					
2	3					
3	3					
4	3					Lat in 18 06 N
5	2 1/2		South	S. E.		Long " D R 108 12 W
6	2 1/2					
7	2 1/2					
8	2 1/2					
9	2 1/2					
10	2 1/2					
11	1 1/2					
12	1 1/2		"	"		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Tuesday day of Oct 25th 18
1	1		S. S. E	E. N. E		Comes in with light airs from the eastward with pleasant weather at 12 drawing sail not to the last advantage at 1 P. M. wind veered to the N. E
2	1					
3	1					
4	1					
5	1					
6	1					
7	1					
8	1					
9	1					
10	1					Middle & latter part the same from the N E
11	1					
12	1		"	N. N E		
1	1					
2	1					
3	1					
4	1					
5	1					Lat in 19 31 N
6	1					Long " D R 109 10 W
7	1					
8	1		"	"		
9	1					
10	1					
11	1					
12	1					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Bua Paitan towards Singta

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	2		SbE	W by S		Wednesday day of Oct 26 1864
2	2					Comes in with light airs
3	2					keep the N E wth clear
4	2					pleasant weather all
5	3					drawing sail set to the best
6	4					advantage
7	4					
8	4					
9	4					
10	4					
11	4					Middle & latter part the same
12	4		"	W by S		
1	4					
2	4					at 6 A M set fore top
3	4					mast & lower stunsail
4	4					
5	4					
6	4					Lat by Ob 16 08 N
7	4					Long " DR 108 50 W
8	4					
9	4					
10	4					
11	4		"	"		
12	4					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	4		SbE	North		Thursday day of Oct 27 1864
2	4					Comes in with light breezes
3	4					keep the Northward with
4	4					pleasant weather all drawing
5	5					sail set
6	5					Employed at ships
7	5					work in general
8	5					
9	5					
10	5					
11	5					
12	5		"	"		Middle & latter part
1	5					the same
2	5					
3	5					
4	5					
5	5					
6	5					Lat by Ob 14 29 N
7	5					Long " DR 108 24 W
8	5					
9	5					
10	5					
11	5					
12	5		"	"		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Calpatan towards Cebu

H. N. Freeman Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Friday day of Oct 28th 18
1	1		SSE	WNW		Comes in with moderate
2	1					breezes from the Northward
3	1					with pleasant weather
4	1					all drawing sail at
5	1					employed at sheet
6	1					work in general
7	1					
8	1					
9	3			Baffling		
10	3					
11	3					
12	3					Middle part light airs
1	3					winds from N to NW
2	3					with hazy weather
3	3					
4	3					
5	3					
6	2					
7	2					
8	2					Latter part light airs
9	2					from NW at 10 AM more
10	2		SSW	W		steady
11	2					Batt by Obs 13°26
12	2					Day's DR 108 O.M.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday day of Oct 29th 18
1	1		SW	Baffling		Commences with light airs
2	1					from S & with cloudy
3	1					weather all drawing sail
4	1					set to the best advantage
5						
6						
7						
8						
9						Middle part calm.
10						
11						
12						
1						
2						
3						Latter part light breezes from
4	2		SSE	East		East at 4 PM wind veered
5	2					to the eastward.
6	2					
7	2					Batt by Obs 13°14 N
8	2					Day's DR 108 O.M. W
9	2					
10	2					
11	2					
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Weyatten towards Zuta

C. H. Sherman Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Sunday day of Oct 30th 1864
1	3		SSE	East		Comes on with light winds
2	3					from the eastward with fine
3	3					weather
4	3					
5	3					
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3			E N E		
1	4					Middle part the same.
2	4					
3	4					
4	4					
5	4					
6	4					Latter part wind veered to the
7	4		SbE	EbS		E S E at 4 A M set topmast &
8	4					lower studsails
9	4					at 6 took them in
10	4					wind hauled to the eastward
11	4					Lat by Obs 11 45 N
12	4					Lon by DR 108 00 W

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday day of Oct 31st 1864
1	4		SSE	East		Comes in with light winds
2	4					from the eastward with fine
3	4					wet weather all drawing sail
4	4					set to the best advantage
5	4					
6	4					
7	4		SbW	E.S.E		
8	4					
9	3		SbE x E			Middle squally rainy weather
10	3					at 11 P M took in all light
11	3					sails in a heavy squall at
12	3					12 set them again
1	3					
2	3					
3	3					
4	3					
5	3					Latter cloudy weather
6	4					with rain squalls
7	4					
8	4					at 7 A M
9	4		South	"		made clear for the bearing
10	4					Lat by Obs 10 28 N
11	4					Lon " DR 101 51 W
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Magellan towards Fiji

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Tuesday day of Nov. 1st 18
1	2		S.W.B.	East		Comes in with light airs
2	2					from the eastward attended
3	1½					with cloudy squally weather
4	1½					at 6 PM the Clipper
5	2					top sail hove to Commodore
6	2					Single reefed the Batt
7	2					of this week is 10°20' miles diff
8	2					from what it is laid down
9	1½		S.S.W.	S.E.		
10	1½					Middle part light Baffling
11	1½					airs with cloudy weather
12	1½		S.W.	S.E.S.		
1	1					
2	1					
3	1					
4	1		S.S.E.	N.N.W.		Latter part light airs
5	2					from N.N. with cloudy
6	2					weather
7	2					
8	2					
9	2					Lat by Obs 9°58 N
10	2					Dep " D R 10°32 W
11	2					
12	2		"			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Wednesday day of Nov. 18
1	2		South	N.N.W.		Comes in with a light
2	2					breeze from N.N.W. with cloudy
3	2					rainy looking weather
4	2					at 6 it hove to in
5	2		"	W.S.W.		light airs in a squall at 8
6	3					set them again
7	3					
8	3					
9	3					
10	3					Middle part light variable
11	3					from westward with cloudy
12	3		"	S.S.W.		weather
1	3					
2	3					
3	3					
4	3					Latter part squally raining
5	3					weather taking in and
6	3					setting light sail weather
7	3		"	W.S.W.		permitting
8	3					
9	3					Lat by Obs E°00 N
10	3					Dep " D R 1.09 41 W.
11	3					
12	3					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Mazatlan towards [illegible]

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Thursday day of Nov 1864
1	2		South			Engages with light airs
2	2					from the westward with
3	1					cloudy rainy [illegible]
4	1		S by E & S			weather all drawing sail as
5	1					to the best advantage
6	1					
7	2					
8	2					
9	3					
10	3					
11	3					
12	3					Middle & Latter part fresh
1	3		S by E	[illegible] W		breezes from the S W with
2	3					squally weather all [illegible]
3	3					sail set
4	3					
5	3		S by E	S W		
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3		"	"		

Lat by D R 8'12 N
Long " 108'18 W

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Friday day of Nov 4th 1864
1	3		S & W & S	S S W		Engages with fresh breezes
2	3					from the S W with squally
3	3					weather all [illegible] sail
4	3					set to the best advantage
5	3					at 6 P M took in
6	3		S by E	S by E		staff topsail flying jib &
7	3					mainsail
8	3					at 11 P M set mainsail
9	3		S by E & E	S W		
10	3					
11	3					Middle & Latter part fresh
12	3					[illegible] of rain & wind
1	3					making and taking in
2	3					sail as the weather [illegible]
3	3		S S E	"		filled all the empty casks
4	3					with water
5	3					at 4 A M set
6	3					fore top-gallant sail mainsail
7	3					& [illegible] & [illegible]
8	3					
9	2					Lat by D R 7'08 N
10	2					Long " " 108'44 W
11	2					
12	2		"	"		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Magellan towards Cebu

C. H. Freeman Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	/		SE by E	S W		day of Saturday Nov 6 th 18
2	/					Comes in with light rain
3	/					squalls & cloudy
4	/					squally weather at 5 PM
5	3		South	W S W		took in topgallant sails
6	3					& set topsail & spanker
7	/		S E by S	S S W		flying jib & mainsail
8	/					in 2 reefs squalls
9	/					at 7 PM set t'gallt
10	/					sails & spanker
11	/					& other light sails
12	/					
1	/		S S E	S W		
2	/					
3	/					Middle & latter part
4	/					light airs from the S W
5	/					with cloudy weather all
6	/					drawing sail set to the
7	/					advantage
8	/					
9	/					Lat by Obs 6 ' 54 N
10	/					Day " D. R. 108 - 32 W
11	/					
12	/					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	/		S E by S	Baffling		Sunday day of Nov 7 th 18
2	/					Comes in with light rain
3	/					from the S W Middle & lat
4	/					wea ther all drawing sail
5	/		S S E			set to the best advantage
6						
7	/					
8	/					
9	/					Middle part heavy rains squa
10	/					with calms
11	/					
12	/					
1						
2						
3						
4						
5						
6						
7						Latter part light airs from
8	/		S W by S	S E		S E at 6 A M Looked to Eastward
9	/					
10	/					Lat by Obs 6 ' 36 N
11	/					Day " D R 109 - 28 W
12	/					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Mazatlan towards Yanta

B F Freeman Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday day of Nov 7 1864
1	/		South	W.S.W		Copies in with light airs
2	/					from the W South cloudy
3	/					weather
4	/					
5						
6						
7						
8						
9						
10						Lat by Ob at Sunset
11						Yanta
12						
1						
2						
3						
4						
5						Lat by Ob 6 09 N
6						Dep " DR 108 28 W
7						
8						
9						
10						
11						
12						

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff of Lon	Lon. in.	Lon. by Ob

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Tuesday day of Nov 8 1864
1	/		S by E	S.W.by W		Copies in with light airs
2	/					from the W South cloudy
3	/					weather all drawing sail
4	/					set to the best advantage
5	/					
6	/					
7	/					
8	/					
9	/		S.S.E	S.W		Middle part
10	/					light breezes from
11	/					W South cloudy rainy weather
12	/					
1	/					
2	/					
3	/					
4	/					
5	/					Lat by Ob 6 09 N
6	/					Dep " DR 108 00 W
7	/					
8	/					
9	2					
10	2					
11	2					
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Margallan towards Gaeta

Of the Merchant Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	/		E	S.S.W		day of Wednesday Nov 9th 18
2	/					Comes in with light breezes from the S.W with sunny weather.
3	/					
4	/					
5	/		S.S.W	S.E		at 4 P.M. tacked to the S.E. & wind hauled to the S.E. split flying jib took in gaff topsail fore jib gallant sail hoisted main royal yard in slings
6	/					
7	/					
8	/					
9	/					
10	/					
11	/					
12	/					at 7 P.M. took in main top gallant sail & spanker at 8. set them
1	/		"	"		
2	/					
3	/					Middle part frequent squalls
4	/					
5	/					heavy with moderate rain at 2 A.M. set fore top gallant sail & gaff topsail
6	/					
7	/					
8	/					
9	/		"	"		Latter part cloudy with light breezes from S.E
10	/					Lat by Ob 5° 50' N
11	/					Lon. by D.R 10° 08' W
12	/					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	/		S E	S S W		day of Thursday Nov 10 18
2	/					Comes in with light airs from S.E with cloudy squally weather.
3	/					employed repairing sail
4	/					
5	/					
6	/					
7	/					
8	/					
9	/					Middle part cloudy with frequent squalls
10	/					
11	/					
12	/					at 4 A.M. tacked to S.W
1	/					
2	/					at 5 A.M. tacked to S.E
3	/					
4	/		W.S.W	Light-		Latter part raining squalls weather unsettled main royal yard aloft
5	/		S E	S.S.W		
6	/					
7	/					
8	/					
9	/					Lat by D.R 5° 33' N
10	/					Lon " " 10° 51' W
11	/					
12	/		"	"		

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Mu[illegible] towards Leyte

A. A. Freeman Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Friday day of for 11
1	1½		South	N by W		begins in with light breezes
2	1½					from the westward with
3	1½					cloudy raining weather all
4	1½					drawing sail as to the best
5	2					advantage
6	2					
7	2					
8	2½		SSW			
9	2					
10	2					
11	1½					
12	1½					
1	1½					Middle & Latter part
2	2					the same
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					Lat by D.R. 6° 4' 30 N
9	2		WNW	SW by W		Long by D.R. 101° 40 W
10	2					
11	2					
12	2					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff of Lon	Lon. in.	Lon. by Ob

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday day of Oct 12
1	/		W	SSW		Commencing with light breezes
2	/					from SW with cloudy raining
3	/					weather
4	/					
5	/					
6	/					
7	/					
8	/					
9	/					
10	/					Middle & Latter part the
11	/					same
12	/		"	"		at noon bent fore
1	/					& main topgallant sails
2	/					and main topsail
3	/					
4	/					
5	/					
6	/					Lat by Ob 4° 7' N
7	/					Long " DR 101° 22 W
8	/		"	"		
9			Calm			
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Mediterranean towards Egypt

Human Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1						day of 18
2						Sunday Nov 13 th
3						Comes in with calms with
4						light airs squalls
5						at 8 P.M. the
6						light airs from S & with
7						thick weather all
8						drawing sail set
9	1		S by W	S & E		
10	1					
11	1					
12	1					
1	1					Middle part the same
2	1					
3	1					
4	1					
5	1		S W by S	S S E		
6	1					
7	1					
8	1					Latter part rain & heavy
9	1					squalls from S E with squally
10	4	1	S S W	S E		weather
11	4	1				
12	4	1				Lat by Obs 4° 16 N
	4	1				Long by D R 10° 36 W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	4	1	S S W	S E		day of 18
2	4	1				Monday Nov 14 th
3	4	1				Comes in with heavy squalls
4	4	1				thick cloudy
5	4	1				squally weather
6	4	1				at 1 P.M. the boat
7	4	1				in gaff topsail main
8	4	1				topsail & flying jib
9	4	1				fore topgallant at 11 P.M. split
10	4	1				sail & fore topsail
11	4	1				reefed the fore topsail set
12	4	1	"	"		
1	3	1				Middle part squally with
2	3	1				heavy weather
3	3	1				
4	3	1				Latter part heavy squalls
5	3	1				with rain & squalls at 8
6	3	1				P.M. hauled reef out of topsail
7	3	1				and set fore top gallant sail flying
8	3	1				jib
9	3	1				
10	3	1	"	"		Lat in Obs 5° 12 N
11	3	1				Long in D R 10° 20 W
12	3	1				
	5	1				

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Margate towards Falmouth

Q. M. Freeman Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	4		S W	S E		Tuesday day of Nov 15 1864
2	4					Begins with fresh breezes
3	4					from S E with cloudy
4	4					weather all prudent sail
5	4					set to the best advantage
6	4					employed in repairing sails
7	4					& ice chipping variable
8	4					at 8 P M set sail
9	4					to sail & main royal
10	4					
11	4					
12	4		"	"		
1	4					Middle & Latter part
2	4					breezes from E
3	4					
4	4					
5	4					
6	4					Latt by Obs 1° 34 N
7	4					Long " D R 10° 29 W
8	4					
9	4		"	"		
10	4					
11	4					
12	4					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff of Lon	Lon. in.	Lon. by Ob

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	5		S by W	S by E		Wednesday day of Nov 16 1864
2	5					Begins with moderate
3	5					breezes from the S E with
4	5					cloudy weather all drawing
5	5					sail set to the best advantage
6	5					
7	5					
8	5		"			
9	5					Middle & Latter part
10	5		South	S by E		the same
11	5					
12	5					
1	5					
2	5					
3	5					Latt by Obs 0° 11 N
4	5		"	S by E		Long " D R 11° 20 W
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Nagattan towards Ho & Co

C. N. Freeman Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Thursday day of Nov 18 18
1	5		South E & E			Comes in with fresh breezes
2	5					from S & E with cloudy
3	5					weather employed in
4	5					scraping the cable and other
5	5					ships work
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5		"	"		Wind & Weather part
1	5					part the same
2	5					
3	5					
4	5					
5	5					
6	5					Crossed the line in
7	5					110° 50 W steering S & E trade
8	5		"	"		
9	5					Lat by Ob 1° 5' S
10	5					Long " D. R 110 5 0 W
11	5					
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Friday day of Nov 18 18
1	5		South E & E			Comes in with moderate
2	5					breezes from the S & E
3	5					with pleasant weather
4	5					employed at the
5	5					work in general
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					Wind & Weather part
12	5					part fresh breezes with light
1	5					squalls
2	5					
3	5					at 10 P M took in
4	5					gaff topsail & main sail
5	5					
6	5					
7	5					Lat by Ob 1° 10 S
8	5					Long " Ob 111
9	5					
10	5					
11	5					
12	5					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Wilmington towards Baltimore
U.S. Steamer Shenandoah

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday day of Nov 17th 18
1	5		S by W	S by E		
2	5					Lat 36° 15' N
3	5					Long 75° 00' W
4	5					Cape Hatteras
5	5					N 60° W 18 miles
6	5					Middle & latter part
7	5					fresh breezes
8	5					and cloudy
9	6		South	S & SE		
10	6					
11	6					
12	6					
1	6					
2	6					
3	6					
4	6					
5	6					
6	6					
7	6					
8	6		S by W			
9	6					
10	6					
11	6					
12	6					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff of Lon	Lon. in.	Lon. by Ob

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Sunday day of Nov 18th 1864
1	6		South	S & SE		
2	6					Lat 35° 40' N
3	6					Long 74° 40' W
4	6					Cape Hatteras
5	6					N 60° W 18 miles
6	6					Middle & latter part the
7	6					same
8	6					
9	6					
10	6					
11	6					
12	6		"	"		
1	6					
2	6					
3	6					
4	6					
5	6					
6	6					
7	6					
8	6					
9	5		"	"		
10	5					
11	5					
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Mauritius towards Zanzibar

C. A. Freeman Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	5	5	S.W. b W	S E by E		day of Monday Nov 21 1864
2	5					Comes in with moderate
3	5					breezes from the S & S with
4	5					passing clouds all drawing
5	5					sail but to the best advantage
6	5					
7	5					at 11 P.M took in
8	5					main royal & staff to pass
9	6					& flying jib
10	6					
11	6					
12	6		South	E by E		
1	6					Middle & latter part
2	6					fresh breezes and squally
3	6					
4	6					
5	6					
6	6					
7	6					
8	6					Latt by Obs 11° 03' S
9	6		S by W	S E by E		Long " D.R. 113 24 E
10	6					
11	6					
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	6		S by E	E by S		Tuesday day of November 18
2	6					Comes in with fresh breeze
3	6					from the S & S with squally
4	6					weather employed [illegible]
5	6					[illegible]
6	6					at 11 P.M [illegible]
7	6					[illegible] all fine
8	6					sail at 11 P.M [illegible]
9	6					again
10	6					
11	6					
12	6		"	"		
1	6					
2	6					Middle & latter part
3	6					weather [illegible]
4	6					
5	6					
6	6					
7	6		[illegible]	E by S		
8	6					Latt by Obs 13° 32 S
9	6					Long " D.R. 113 31 E
10	6					
11	6					
12	6					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Margaretta towards Ft Monroe

U. S. Steamer Freeman Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. day of 1864
1	6		East			Wednesday Nov 23
2	6					Comes in with fresh breezes
3	6					from the S & W with cloudy
4	6					weather all employed at ships work
5	6					in general
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					at Midnight tacked to the
12	6		W W S	Boat		Eastward
1	5					at 5 tacked to the
2	5					Southward wind veered to
3	4					the Eastward
4	4					
5	4					
6	4					
7			S by E	East		after fresh breezes
8						& cloudy weather
9						
10						Lat by Obs 15°13' S
11						Long " " 113 34 W
12						

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. day of 1864
1	6		S by E	East		Thursday Nov 24
2	6					Comes in with fresh breezes
3	6					from the S & W with cloudy
4	6					weather all drawing sail
5	6					set
6	6					
7	6					
8	6					
9	6					
10	5		S by E ½ E			Middle D Cutter past
11	5					the Lance
12	5					
1	5					
2	5					
3	5					
4	5					
5	5					
6	5					Lat by Obs
7	5					
8	5					Long " " 113 55 W
9	5					
10	5					
11	5					
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Matanzas towards Key West

C. N. Brannan Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Friday day of Nov 25 18
1	5		S E	East		Comes in with light breezes
2	5					from the S E with squally
3	5					weather all drawing sail to
4	5					at 1 PM in boat for leave
5	5					to repair
6	5					
7	5					
8	5		E by S	E by N		
9	5					
10	5					
11	5					
12	5					Middle & Latter part
1	5					wind & weather the same
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					Lat by Obs 19 05 N
8	5					Long " DR 112 54 W
9	5		S E	E N E		
10	4					
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday day of Nov 26 18
1	4		S E by E	E N E		Comes in with light breezes
2	4					from the S E with squally
3	4					weather all drawing sail to
4						to the best advantage
5	4					at 4 PM in boat for leave
6	4					to sail
7	4					
8	4		E by S	N E by E		
9	4					
10	4					
11	4					
12	4					
1	4					Middle & Latter part
2	4		E S E	N E		wind & weather the same
3	4					
4	4					
5	4					
6	4					
7	4					Lat by Obs 19 55 N
8	4					Long " DR 111 43 W
9	4		"	"		
10	4					
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from [illegible] towards [illegible]

C W Freeman Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	3		E by E	N E by N		day of 18
2	3					Commences with light breezes from E by S with pleasant weather all
3	3					day ...
4	3					
5	3					
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3		E by S	N E by N		
1	3					Middle & Cattle part
2	3					the same
3	3					
4	3					
5	3					
6	3					
7	3					Latt by Ob 26° 31'
8	3		E S E	N E		Long " DR 110 21 W
9	3					
10	3					
11	3					
12	3					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob	Variation.	Diff. of Lon	Lon. in	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	3		E	E by S		day of 18
2	3					Commences with light breezes
3	3					from E by S with pleasant
4	3					weather
5	3					continued at this
6	3					work in general
7	3					
8	3					
9	3					
10	3					
11	3					
12	3		E	"		Middle & Cattle part
1	3					the same
2	3					
3	3					
4	3					
5	3					
6	3					Latt by Obs 22 01 N
7	3					Long " DR 109 50 W
8	3					
9	3			"		
10	3					
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon	Lon. in.	Lon. by Ob.

Journal from Wilmington towards Key West

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	2	½	S by E	E N E		Tuesday day of Nov 29 1864
2	2	½				Comes in with light breezes
3	2	½				from E N E with pleasant weather
4	2	½				employed in ship work in general
5	2	½				
6	2	½				
7	2	½				
8	2	½				
9	2	½				
10	2	½				Middle & latter part
11	2	½				wind & weather the same
12	2	½				
1	2	½	S E by E	E N E		
2	2	½				
3	2	½				
4	2	½				Latt by D R 22° 45' S
5	2	½				Long " " 109° 17' W
6	2	½				
7	2	½				
8	2	½				
9	2	½				
10	2	½	"	"		
11	2	½				
12	2	½				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	1	½	S E	E N E		Wednesday day of Nov 30 1864
2	1	½				Comes in with light breezes
3	1	½				from the eastward with pleasant
4	1	½				weather
5	1	½				employed painting deck
6	1	½				
7	1	½				
8	1	½				
9	3		S S E	East		
10	2					
11	2					Midnight tacked to N E
12	2					wind veered to southward
1	3		N E	E S E		light breezes with raining weather
2	3					
3	3					
4	3					
5	1½		S E	E N E		Latter part weather the same
6	1½					at 4 P M tacked to eastward
7	1½					wind baffling & light
8	1½					
9	1½		S S E	East		Latt by dr 22° 38' S
10	1½					Long " DR 109 00 W
11	1½					
12	1½					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Anjatan to Pyla

C. H. Turner Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. — Thursday Dec 1st 18—4
1	1		S by E	Baffling		Comes in with light breezes
2	1					from the eastward & hazy
3	1					raing weather
4	1					
5	1					
6	1					
7	1					
8	1					
9	3		S by S	"		
10	3					
11	3					
12	3					
1	3					Middle & Latter part
2	3					moderate breezes with
3	3					raing weather
4	3					
5	3					
6	3					
7	3					Latt by D R 24 29
8	3		"	"		Long " 108 29
9	3					
10	3					
11	3					
12	3					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. — Friday Dec 2nd 18
1	3		S by E	E by E		Comes in with light breezes from
2	3					E N E with squally raining
3	3					weather
4	3					
5	3		S by E	S by E		
6	3					
7	3					
8	3		E S E	N E		
9	3					
10	3					Middle & Latter part fresh
11	3					breezes from North with squally
12	3					weather
1	3					
2	3					
3	3					
4	3		"			
5	3					
6	3					Latt by Obs 26 5 12 N
7	3					Long " D R 10 3 25 "
8	3					
9	3					
10	3		S by W	N E by N		
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Majatlan towards Leyte

S. E. & E. Freeman Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. day of Dec 3d 18
1	5		E.S.E.	North	1 Pt	Saturday Dec 3d
2	5					Come in with fresh breezes from the Northward with squally
3	5					weather at 5 PM took in
4	5					main sail then
5	5					
6	5					
7	5					
8	5					
9	5		E by N	NW by W	"	
10	5					
11	5					
12	5					
1	5					Middle & Latter part the
2	5					same
3	5					
4	6					
5	6		"	"	"	
6	5					
7	5					Latt by Obs 25° 15' S
8	5					Long " D R 105° 25' W
9	5					
10	5					
11	5					
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. day of Dec 4th 1864
1	5		ESE	NE	1 Pt	Sunday Dec 4th
2	5					Come in with fresh breezes
3	5					from NE & with squally
4	5					weather
5	5		E by S	NE	"	employed as yesterday
6	5					
7	5					at 5 PM bent sail
8	5					to
9	5					
10	5					
11	5					Middle part fresh breezes
12	5					from NE
1	5					
2						
3	5					
4	5					Latter part fresh breezes
5	5					from NNE
6	5					
7	5					at 5 PM made
8	5					Easter Island bearing by Eng
9	5					South 8 miles from which
10	5					is taken new depts
11	5					Latt by Obs 27° 08' S
12	5					Long " D R 105° 57' W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from ... towards ...

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	5		East	N N E	1 2
2	5					
3	5					
4	5					
5	5		S by E	N by E		
6	5					
7	5					
8	5					
9	5		E S E	E by S		
10	4					
11	4					
12	4		East	N N E		
1	4					
2	5					
3	5					
4	5					
5	5		E S E	N E		
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Monday ... day of Dec ... 18...
Employed at ships work in general
at 2 P.M. Saw land W by S 30 miles

Dayt by Obs 28° 28' S
Long by D R 101° 14' W

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	5		E S E	N E	1 2	
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5		E S E	"	"	
1	5					
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	4		S by E	N E by E	"	
10	4					
11	4					
12	4					

Tuesday ... day of Dec ... 18...
Employed at ships work in general
Middle & Latter part the same

Dayt by Obs 29° 44' S
Long by D R 105° 34' W

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Marjatan towards Lyta

Ino. P. Brennan Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. day of 6 to 1864
1	1		SE	E by E	1 Pt	Wednesday Comes in with light breezes
2	1					from the eastward with
3	1					pleasant weather
4	1					employed
5	3		"	"		in painting - but eight
6	3					at 4 PM tacked
7	3					to the Eastward
8	3					
9	3					
10	3					
11	3					
12	3					
1	3		"			Middle P Latter part
2	3		NE	E by N	"	wind & weather the same
3	3					
4	3					
5	3		NNE	East	"	
6	3				"	
7	3					
8	3					Lat by Obs 28 56 S
9	3		NE	E by S	"	Long " DR 105 14 W
10	3					
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Thursday day of Dec 8 1864
1	3		North	E by E	1 Pt	Comes in with light breezes from
2	3					E by E with pleasant weather
3	3					all drawing sail set
4	3					
5	3					
6	3					
7	3					
8	3					
9	3		W by S	"		Middle P Latter part the
10	3					same
11	3					
12	3					
1	4		W by S	E by S		
2	4					
3	4					
4	4					Lat by Obs 27 36 S
5	4		NW by W	East		Long " DR 105 15 W
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4		"			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Majattan towards Yeta

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Friday day of Dec 4 1864
1	3		N E	E S E		Comes in with light airs & fine
2	3					
3	3					
4	3					
5	3					
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					
1	4		"			Middle & Latter part the
2	4		N by W	S by E		same
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4					Lat by Ob 26 21 S
10	4		4	11		Dep " DR 104 15 W
11	4					
12	4					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday day of Dec 10 th 18
1	4		N E by N	E S E		Comes in with light breezes
2	4					from S E with pleasant
3	4					weather
4	4					
5	4					
6	4					
7	3		N N E	East		
8	3					
9	3					
10	3					Middle & Latter part the
11	3					same
12	3					
1	4					
2	4					
3	4					
4	4					Lat by Ob 24 57 S
5	4		N E by N	"		Dep " DR 104 06 W
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Manhattan towards Eyota

E W Freeman Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Sunday day of Dec 11th 18
1	3		N E	E by E		Comes in with moderate breezes from the eastward with cloudy weather all day very cold at 7
2	3					
3	3					
4	3					
5	3					
6	3					
7	3					
8	3					
9	3		N N E	Baffling		
10	3					Middle & Latter part the same
11	3					
12	3					
1	4		N E by N	"		
2	4					
3	4					
4	4					
5	4		W by N	"		
6	4					
7	4					Lat by D R 23 45 N
8	4					Long " " 10 25 W
9	4		W by S	"		
10	4					
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday day of Dec 12th 18
1	4		N by E	E by N		Comes in with moderate breezes from the Eastward with cloudy raining weather all day saw a Ship steering to the Westward
2	4					
3	4					
4	4					
5	4					
6	4					
7	4		N E	E by N		
8	4					
9	4					
10	4					
11	4					Middle & Latter part the same
12	4					
1	4		N E by E			
2	4					
3	4					
4	4					
5	4		N E	"		Lat by Ob 24 54 S
6	4					Long " D R 101 20 W
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Magellan towards Lyta

C. M. Freeman Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	2		NW & W			day of Tuesday Dec 13th 1853
2	2					Generally with moderate
3	2					heavy rain & Easterd all
4	2					drawing sail at
5	2		WbyN	"		Employed at
6	2					ships work in general
7	2					
8	2					
9	2		WNW	"		
10	2					
11	2					
12	2					
1	2					Middle & Latter part the
2	2					same
3	2					
4	2					
5	2					
6	2		"	"		
7	2					Lat by Ob 21 12 S
8	2					Long " DR 100 49 W
9	2					
10	2					
11	2					
12	2					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	2		NW	East		day of Wednesday Dec 14th 18
2	2					Comes in with fresh squalls
3	2					from the W & with cloudy
4	2					weather at 1 PM took in
5	2					all light sails in a squall
6	2					at 2 PM set them
7	2					again
8	2					
9	2					
10	2					
11	2					
12	2		"	"		
1	2					Middle & Latter part squally
2	2					making & taking in sail as weather
3	2					requires
4	2		NbyW	6 by 1		
5	2					
6	2					Lat by Ob 19 37 S
7	2					Long " DR 100 02 W
8	2					
9	2					
10	2					
11	2					
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Gibraltar towards Leghorn

Capt Hiscoman Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Thursday day of Dec 15th 18
1	5		"	Rattling		Comes in with heavy squalls
2	"					from W to E NE shaking &
3	5					taking in sail as weather requires
4	5					
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4		"	"		
1	4					Middle & Latter part the
2	4					same
3	4					
4	4					
5	4					
6	4					
7	4		"	"		Lat by Obs 18. 01 S
8	4					Long DR 99. 22. W
9	4					
10	4					
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Friday day of Dec 16th 18
1	4	V	NE by N	East		Comes in with heavy squalls
2	4					from the Eastward with a head
3	4					weather making & taking in sail
4	4					as weather requires
5	4					
6	4					
7	4	V				
8	4					
9	4					
10	4					
11	4					Middle & Latter part the same
12	4	V	NNE			
1	4					
2	4					
3	4					
4	4					
5	4					Lat by Obs 16. 30 S
6	4	V				Long " DR 98. 29 W
7	4					
8	4					
9	4					
10	4					
11	4					
12	4	V				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from [illegible] towards [illegible]

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday day of Dec 17th 1864
1	4		N W C	East		Comes in with fresh breezes from
2	4					the Eastward with squally
3	4					weather all drawing sail [illegible]
4	4					Employed at
5	4					ships work in general
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4		N W ½ W	Blowing		
1	4					Middle & Latter part the same
2	4					
3	4					
4	4					
5	4					
6	4					Latt by Ob 15° 03' N
7	4					Long " DR 87° 42' W
8	4					
9	4					
10	4					
11	4					
12	4					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff of Lon	Lon. in.	Lon. by Ob

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Sunday day of Dec 18th 18
1	4		N & E	East		Comes in with moderate breezes
2	4					from the Eastward with squally
3	4					weather all drawing sail [illegible]
4	4					the best advantage
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					
11	4		"	"		Middle & Latter part the
12	4					same
1	4					
2	4					
3	4					
4	4					
5	4					
6	4					Latt by Ob 14° 50' N
7	4					Long " DR 91° 18' W
8	4					
9	4		N by E	E by S		
10	4					
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from [illegible] towards [illegible]

Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. day of 18
1	4		NW & N	E by S		Thursday Dec 15th
2	4					comes in with moderate breezes
3	4					from the Eastward with passing
4	4					clouds all prudent sail set to
5	4					the best advantage
6	4					
7	4					
8	4					
9	4		NE	ESE		
10	6					
11	6					
12	6					
1	6					Middle & Latter part hard
2	6					squall of wind & rain from
3	6					ESE at 1 PM took in royal
4	6					gaff topsail & flying
5	6					jib
6	6		"	"		
7	6					
8	6					Light by Obs 42°10'
9	6					Long " Obs 95 48 W
10	6					
11	6					
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. day of 18
1	5		NE by N	E & E		Tuesday Dec 22 nd
2	5					Comes in with fresh breezes from
3	5					the Eastward with generally
4	5					weather all prudent sail set
5	5					to the best advantage
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					Middle & Latter part
12	5		"			same
1	4		NE by N			
2	4					
3	4					
4	4					
5	4					
6	4					Light by Obs 40 46
7	4					Long " Obs 94 53
8	4					
9	4		NNE & E			
10	4					
11	4					
12	4					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from [illegible] towards [illegible]

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	4		N Ebn N	E & E		[illegible] day of Dec 1
2	4					Comes in with moderate breezes
3	4					from the Eastward with cloudy
4	4					weather all Steering sail set
5	4					Employed painting ship &c
6	4					
7	4					
8	4					
9	4		N Eby E	S Eby E		
10	4					
11	4					
12	4					
1	4		N Ebn N			
2	4					
3	4					Middle & Latter part weather
4	4					the same
5	4					
6	4					
7	4					
8	4					
9	4		N Eby N	E by S		Latt by Obs 5 30 S
10	4					Dep " DR 13 42 W
11	4					
12	4					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff of Lon	Lon. in.	Lon. by Ob

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	4		N E	E & E		Thursday day of Dec 26
2	4					Comes in with light breezes
3	4					from the Eastward with
4	4					cloudy weather all Steering
5	4					sail set
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					Middle & Latter part fresh
12	4		"	"		breezes & cloudy weather
1	5					
2	6					
3	6					
4	5					
5	5					
6	6					Latt by Obs 8 12 S
7	5					Dep " DR 12 32 W
8	5		"	"		
9	5					
10	6					
11	6					
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from ... towards ...

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	5		NE by E	NE by E		Friday day of Dec 23 at 18
2						Comes in with fresh breezes
3						from E with cloudy
4						all drawing sail set to the best
5						advantage
6						Employed at ship
7	5					work in general
8						
9						
10						
11						
12	5					
1	4		WbN	E by E		Middle & Latter part
2						the same
3						
4						
5						
6	1					Lat by Obs
7						Long by D R
8						
9						
10						
11						
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	4		NE by E	NE by E		Saturday day of Dec 24 at 18
2						Comes in with moderate
3						breezes from the Eastward
4						with cloudy weather
5						drawing sail set to the
6						best advantage
7	4					
8						
9						
10						
11						
12	4					Middle & Latter part the
1						same
2						
3						
4	4					
5	4		NE by E by E			
6						
7						Lat by Obs 6 03 S
8						Long by D R 88. 5 W
9						
10						
11						
12	4					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Waitaky towards
G W Keeman Manley

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday day of Dec 5 1863
1	4		NE by E & E			Comes in with light breezes
2	4					smooth & Cloudy pleasant
3	4					weather all drawing sail as
4	4					to the best advantage
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4		"	"		
1	4					Middle & Latter part
2	4					the same
3	4					
4	4					
5	4					
6	4					
7	4					Latt by Obs 5° 22 S
8	4					Dep " D R 88° 32 W
9	4		"	"		
10	4					
11	4					
12	4					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff of Lon	Lon. in.	Lon. by Ob

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday day of Dec 6th 1863
1	3½		NE by E & E			Comes in with light breezes
2						from E & E with pleasant
3						weather all drawing sail as
4						
5						
6	3½					
7						
8						
9						
10						Middle & Latter part the
11						same
12	3½					
1						
2						
3						
4	3½		"			
5	3½		NE by E & S by E			Latt by Obs 4° 34 S
6						Dep " D R 87 30 W
7						
8						
9						
10						
11						
12	3½		"	"		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Navigation towards Leyte

O. S. Freeman Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	3r		E by E	S E		day of Tuesday Dec 27th 184
2						Comes in with light breezes
3						from S E w. the cloudy weather
4						all drawing sail set
5						Employed pumping
6						Courses
7						
8	3r					
9	4		N E by E	S E by E		
10						
11						
12						Current Soldings
1						
2						Middle part moderate breezes
3						with light rain squalls
4						
5	4		"			
6						
7						Latter part moderate breezes
8						with cloudy weather
9						
10						Latt by Ob 3 45 S
11						Long " D R 86 12 W
12	4		"			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	4		N E by E	S E by E		Wednesday day of Dec 28 d 184
2						Comes in with moderate
3						breezes from S E attended
4	4					with cloudy weather
5						
6						
7						
8	4					
9						
10						
11						
12	4		"			Middle & Latter part the
1	3r		E N E	E		same
2						
3						
4						
5						
6	3		"			Latt by Ob 3 12 S
7						Long " D R 82 54 W
8						
9						
10						
11						
12	3		"			

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Manhattan towards Aspinwall

C. P. Freeman Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	3		East	SE		Thursday Dec 29th 1864
2						Comes in with light breezes
3						from SE with cloudy weather
4						all drawing sail set to the best
5						advantage
6						
7						
8	3		"	"		
9						
10						
11						
12	3			"		Middle & latter part light
1						breezes from SE with hazy
2						weather
3						
4	3			"		
5						
6						
7						
8	3		"	"		
9	4		"	"		Latt by Obs 3 02 N
10						Long " DR 85 39 W
11						
12	4		"	"		

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff of Lon	Lon. in.	Lon. by Ob

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	4		SE by E	SE		Friday Dec 30th 1864
2						Comes in with light breezes
3						from SE with hazy
4	4					weather all drawing sail set
5						
6						
7						
8	4		"	"		
9						
10						Middle & latter part the same
11						
12	4		"			
1	3		ESE	South		
2						
3						
4	3		"	"		
5						Latt by Obs 3 26
6						Long " DR 82-28
7						
8	3		"	"		
9						
10						
11						
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Magallan towards Key Isl

C. McKeeman Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. day of 18
1	1		E by E	S by W		Saturday Dec 31
2	1					Comes in with moderate
3	1					breezes from the Southward
4	1					with cloudy hazy weather
5	1					at 5 P M made the
6	1					land bearing by compass S by E
7	1					20 miles
8	1					at 10 P M tacked to
9	1					the westward
10	1		SW by W	S by E		
11	1					
12	1					
1	1					Middle part fresh breezes
2	1					from SE
3	1					
4	1					
5	1					
6	1					
7	1					Latter part fresh breezes
8	1					from southward at 8 P M
9	1		ESE	S by E		tacked to the eastward
10	1					
11	1					Latt by Ob 4 00 S
12	1					Long " DR 82 00 W
	1					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. day of 186
1	1		SE			Sunday Jan 1
2						Comes in with moderate hazy
3						from S & W with cloudy hazy
4						weather
5	2					at 8 P M tacked to
6	2					the westward Cape Hinchinbrook
7						by Compass S by W 6 miles dist
8						
9	3					
10	3		ESE	SSE		
11						
12						Middle & Latter part fresh
1	3					breezes from S & W with cloudy
2						weather
3						at 6 A M tacked
4						to the eastward
5	3					at daylight made a
6						Brig standing in company
7						
8	3					
9	3		East	SSE		Latt by Ob 4 38 S
10						Long " DR 81 48 W
11						
12						

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Margaretta towards Portland

C W Freeman Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. day of 18
1	2		E.S.E	S.S.E		Thursday Jany 4
2	2					Cape in with light breezes from
3						S.S.E with foggy weather all
4						drawing sail set to the best
5	2					advantage
6						at 8 P.M. tacked to S.W.
7						
8	2					
9	3		S.W.	"		
10						Middle & latter part the
11						wind & weather the same
12						at 8 P.M.
1						tacked to East
2						
3						
4	3					
5	2		East	S.E		at noon Portland Head bore
6	2					East 2 0 miles
7						
8	2					
9	1					Lat by Ob 5°03 N
10	1					Dep " D R 81.3 W
11	1					
12	1					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff of Lon	Lon. in.	Lon. by Ob

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. day of 1865
1	1		E.S.E			Thursday Jan 5
2	2					Cape in with light breezes
3	2					from S.S.E with foggy weather
4	1		E by S			at 4 P.M. made
5	3					Portland head bearing E by S 2 0
6	3					miles
7	3		East			at 8 P.M. tacked
8	3					to the Westward
9	2					at 2 A.M.
10	2		N by E			tacked to the eastward
11	2					at daylight Portland
12	2					head bore E.S.E 10 miles
1	3					at 11 A.M. passed
2	3					Portland point at 3 came
3	3		E by S			to anchor in 16 fa water
4	3					with 35 fa chain
5	3					
6	3		E.S.E			
7	2					
8	2		E by S			
9	1					
10	1		E.S.E			
11	1					
12	0		E by S			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Cargoe Eastward towards Coming in Taylor

day of 18

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1			Wednesday Jan 4			
2			Comes in with fresh breezes from
3			S.E. & E with pleasant weather employed in reef
4			sails & ships work in general
5			
6			Thursd. Jan 5th
7			Comes in with light breezes from the
8			Eastward with pleasant weather employed in ships
9			work in generall ends with light breezes from S.E
10			
11			Friday Jan 6
12			Comes in with light breezes from S.E
1			with pleasant weather employed turning rigging Reef
2			sails Ends the same
3			
4			Saturday Jan 7th
5			Comes in with light breezes from
6			the Eastward with pleasant weather employed at ships
7			work in general Ends the same
8			
9			Sunday Jan 8th
10			Comes in with light breezes from the S.E
11			with pleasant weather & men on liberty Ends the same
12			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

day of 18

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1			Monday Jan 9th			
2			Comes in with light breezes from the
3			Eastward with cloudy weather discharged part of the Cargo
4			
5			Tuesday Jan 10th
6			Comes in with fresh breezes from the S.E with
7			pleasant weather employed discharging cargo and ships work
8			in general Hoisted Whaling Boats Mars for Lackawanna
9			Wednesday Jan 11th
10			Comes in with light breezes from the Eastward
11			with pleasant weather employed discharging cargo
12			
1			Thursday Jan 12th
2			Comes in with light breezes from S.E with plea
3			weather finished discharging cargo Hoisted the Pilot in &
4			Stowed
5			
6			Friday Jan 13th
7			Comes in with light breezes from S.E with
8			
9			pleasant weather employed taking in Potatoes and ships
10			work in general
11			Saturday Jan 14th
12			Comes in with light breezes from S.E employed taking
			in Cargo and Ships work in general

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from [illegible] towards [illegible]

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. day of 18
1			Sunday Jan 15th			
2						Comes in with light breezes from E
3			with pleasant weather			English Mail Steamer
4			called the Clean out Comes			
5						
6			Monday Jan 16th			Comes in with light breezes from
7			E with cloudy weather employed taking in Potatoes			
8			Hired English Mail Steamer Don Pedro			
9						
10			Tuesday Jan 17			Comes in with light breezes from
11			from Pt to Pt			E with pleasant weather
12						at 10 P M set underweigh
1						and proceeded to sea
2						at noon Pigeon Head
3						bore W by S distant 10 miles
4						from which Lat in by Ob
5						
6						
7						
8						
9						
10						Dist 4 45
11						Dep 81 10 W
12						

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff of Lon	Lon. in.	Lon. by Ob

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Wednesday day of Jan 18 18[illegible]
1	4		WbyW			Comes in with light breezes
2	4					from E with hazy weather
3	8		W			all drawing sail set to the best
4	5					advantage
5	5		WNW			
6	5		North			
7	5					
8	6					
9	6		WbyS			
10	6					
11	6		NNE			
12	6					
1	5					Middle Point last
2						the same
3	5					at noon the Galle
4	5		NEbyN			Point were by Compass 16 to
5	4					miles
6	4		NEbyE			
7	4					
8	4					
9	8		EbyE			Lat by Ob 5 56 N
10						Dep DR 80 20 W
11	8					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Pt La towards Funchal

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. day of 1865
1	3		Pt Lg I	S by W		Thursday Jan 12
2	3					Comes in with light breezes
3	3					from S W with hazy
4	3					weather & drizzling rain
5	3					set
6	3		N b E ½ E	"		at 1 P M hove to
7	3					with head to westward
8	1		N N E			remained part the night
9	1		"			10 miles
10						
11						
12						
1						Middle part light
2						
3						
4						
5	1		W b S ½ W	W W		
6	1					Latter part light airs
7	1					N W
8	1					
9						
10						Lat in 32° 5' N
11						Long in 17° 0' W
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Barque Peninsular Lying in Funchal

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. day of 18
1						Friday Jan 20
2						Comes in with light breezes from N & W
3						cloudy weather At 4 P M Moored in Funchal came to
4						anchor in 4 fa water with 25 fa chain engaged in
5						getting off water & preparing sails Ends with light breezes
6						from S W
7						Saturday Jan 21st
8						Comes in with light breezes from
9						N E with cloudy weather Employed in getting water
10						& rigging sails Ends with light breezes from S W
11						
12						Sunday Jan 22nd
1						Comes in with light breezes from
2						S E Ends with light breezes from S W
3						
4						Monday Jan 23d
5						Comes in with light breezes from
6						the Eastward with cloudy weather Employed in getting off
7						water & rigging sails
8						Tuesday Jan 24
9						Comes in with light breezes from the S
10						with cloudy weather Employed in taking in Potatoes
11						getting water & rigging sails
12						Wednesday Jan 25 Comes in with light breezes from S W with

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

cloudy weather Employed in taking in Cargo and ships

Journal from Leaving in Cumberland towards Gr. Ogeechee River &c

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	18 65

Thursday Jan 26

Comes in with light breezes from S & W with cloudy weather Employed in taking in Cargo

Friday Jan 27th

Comes in with light breezes from S & E with pleasent weather Employed taking in Cargo & Ships work in general

Saturday Jan 28th

Comes in with light breezes from S W with pleasent weather Employed taking in Cargo

Sunday Jan 29

Comes in with light breezes from S W with cloudy weather ends the same

Monday Jan 30th

Comes in with light breezes from S W with pleasent weather Employed taking in Cargo and ships work in general

Tuesday Jan 31 Comes in with light breezes from S W with cloudy weather Employed getting wood & water

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	18

Wednesday Feb 1

Comes in with light breezes from S W with cloudy weather Employed taking in Cargo

Thursday Feb 2

Comes in with light breezes from S W with cloudy weather Employed taking in Cargo

Friday Feb 3d

Comes in with light breezes from S W with pleasent weather Employed getting ready for sea

Saturday Feb 4th

Comes in with light breezes from S W with pleasent weather at 8 A M got underweigh and proceeded to sea so ends this day at 8 hours

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Lumbig towards Van Francisco

E C Freeman Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	8		N N W			day of 1865
2	3					Sunday Feb 5
3	3					Come in with light breeze from
4	3		N by W			N N W with pleasant weather all
5	3					drawing sail at
6	3		N N W			taking up 1 hour
7	3					at 9 PM Gun [illegible] by
8	3		N by W			Compass N W by W 10 miles Set
9	3					
10						
11						
12						Middle part light breeze
1			W by S	East		from the Eastward
2						
3						
4						
5						
6						
7						Latter part Calm
8						
9						Lat by Ob 8 27 S
10						Long " D R 80, 33 W
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	3	X1	N by W	N E by N		day of 1865
2	3	X1				Monday Feb 6
3	3	X1				Comes in with moderate breeze
4	3	X1				from the eastward with hazy
5		X1				weather at 6 PM wind hauled
6		X1				to the N N E backed to N N W at
7	4	X1	W N W	S W		drawing sail set to the best advan
8	4	X1				
9	4					
10	4					
11	4					
12	4	X1	W by S	South		Middle & latter part fresh
1	4					breeze from South with
2	4					weather
3	4					
4	4	X1				
5	4					
6	4					
7	4					Lat by Ob 6 45 S
8	4					Long " D R 81 54 W
9	4	X1	"	"		
10	4					
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from [illegible] towards [illegible]

[illegible] Harman [illegible]

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. day of [illegible] 18[illegible]
1	3		[illegible]	South		Comes in with light breezes SSW with [illegible] weather all
2	3					drawry sail set
3	3					
4	3					
5	3					
6	3					
7	3					
8	3					
9	4		West	SbW		
10	2					
11	1					
12	2		"			Middle & Latter part the
1	2					same
2	2		"			
3	2		WSW	[illegible]		
4	2					
5	2					
6	2		SWbW	SbW		
7	2					East by Obs 3' 56
8	2					Long " DR 33' 56
9	2					
10	2					
11	2		"			
12	2					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Wednesday day of Feb 8th 18[illegible]
1	1		SW	SE		Comes in with light airs from
2	1					SE with pleasant weather
3	1					Employed at Ships work in
4	1					general
5	1					
6	1					
7	1					
8	1					
9	1					
10	2		SWbyW	SbE		Middle part the same
11	2					
12	2					
1	2					
2	2		"			
3	3		SW	"		
4	3					Latter part light breezes
5	3					from SE
6	3					
7	3					
8	3					East by Obs 3' 04 E
9	4					Long " DR 33 11 W
10	4		"			
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from ... to ... towards San Francisco

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Thursday day of Feb'y 1865
1	4	4	SW	E		Comes in with moderate
2	4	4				breezes rum S E with pleasant
3	4	4				weather all drawing sail
4	4	4				to the best advantage
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					Middle part the same
12	4		"	"		
1	4					
2	4					
3	4					
4	4					
5	4					
6	4					Latter part the same
7	4					at 6 A.M. set fore topmast
8	4		"	"		& lower studding sails
9	4					
10	4					Lat by Obs 3 37 S
11	4					Long by D R 85° 26 W
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday day of Feb'y 18
1	4		SW	E		Comes in with light breezes
2						rum S E with pleasant
3						weather yards square sail
4	4					set to the best advantage
5						
6						
7						
8	4		"			
9						
10						
11						Middle & latter part
12	4					the same
1						
2						
3						
4	4		"			
5						
6						
7						
8	4					Lat by Obs 4 14 S
9						Long by D R 86 50 W
10						
11						
12	4		"			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from [illegible] towards [illegible]

[illegible] American Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1						day of [illegible] 18[illegible]
2	4		W	SE		Sunday [illegible]
3						Comes in with light breezes from
4	2					E with pleasant weather
5	4					employed taking up [illegible]
6						
7						
8						
9	4					
10	5					
11						
12						
1						Middle & Latter part the same
2						
3			"	"		
4	3					
5	6					
6						
7						
8						
9						
10	4		"	"		Lat by Obs 5 30 S
11						Dep " DR 87 38 W
12						
	4					

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
						day of [illegible] 18[illegible]
1	4		W	SE		Sunday [illegible]
2	4					Comes in with moderate breezes
3	4					from E with pleasant
4	4					weather
5	4					
6	4					
7	5		SW by W	"		
8	5					
9	5					
10	5					
11	5					Middle & Latter part
12	5					the same
1	5					
2	5					
3	5					
4	5		"	"		
5	5					
6	5					
7	5					Lat by Obs 4 50 S
8	5					Dep " DR 87 11 W
9	5					
10	5					
11	5					
12	5					
			"			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Monday Sunset towards San Francisco

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday day of Feb 13th 186
1			N W	S E		Comes in with moderate breezes
2						from S E with pleasant weather
3						all drawing sail set
4	6					Employed clearing
5						rigging
6						
7						
8						
9						
10						
11						
12			"	"		Middle P Latter part the
1						
2						
3						
4	6					
5						
6						
7						Lat by Ob 37 15
8	6		"	"		Long by DR 91 43 W
9						
10						
11						
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Tuesday day of Feb 14th 18
1	6		S W	S E		Comes in with light breezes
2						from S E with pleasant weather
3						all drawing sail set to the best
4	6					advantage
5						
6						
7						
8	6					
9						
10						
11						
12	6		"	"		Middle P Latter part the
1						same with light rain squalls
2						
3						
4	6					
5						
6						
7						Lat by Ob 37 9
8	6					Long by DR 94 35 W
9						
10						
11						
12	6		"	"		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Tumbez towards San Francisco

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	6		W by N	E & E		Wednesday day of Nov 11 1863
2						Comes in with light breezes
3						from E & E with passing
4	6					clouds
5						Employed ships
6						work in general
7						
8	6					
9						
10						
11						
12	6		"	"		Middle & Latter part the same
1						
2						
3						
4	6					
5						
6						
7						Lat by Obs 4° 40. S
8	6					Long by D.R. 81° 58 W
9						
10						
11						
12	6		"	"		

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	5		W by N	E & E		Thursday day of Nov 12 1863
2						Comes in with light breezes
3						from E & E with pleasant
4	5					weather
5						
6						
7						
8	5					
9						
10						
11						
12	5		"	"		Middle & Latter part the
1						same
2						
3						
4	5					
5						
6						
7						Lat by Obs 4.14 S
8	5					Long by D.R 81 13 W
9						
10						
11						
12	5		"	"		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from [illegible] towards [illegible]

C. [illegible] Freeman Master

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	5		[illegible]	[illegible]		Friday day of Feb 18 [illegible]
2	5					comes in with light [illegible]
3	5					from S S E with pleasant
4	5					weather all drawing sail
5	6					set
6	[illegible]					
7	[illegible]					
8	[illegible]					
9	[illegible]					
10	[illegible]					
11	[illegible]					
12	5		"	"		Middle & Latter part
1	[illegible]					the same &c
2	[illegible]					
3	[illegible]					
4	5					
5	5					
6	[illegible]					
7	5					Latt by Obs 3 43
8	5					Long " D R 100 09 W
9	5					
10	[illegible]					
11	5					
12	5		"	"		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	[illegible]		[illegible]	[illegible]		Saturday day of Feb 18 [illegible]
2						comes in with such breezes
3						from S S E with pleasant
4	6					weather all drawing sail set
5						to the best advantage
6						
7						
8	6					
9						
10						
11						
12	6		"	"		Middle & Latter part
1	5					the same
2						
3						
4	5					
5						
6						
7						
8	5					Latt by Obs 4 5 9 S
9						Long " D R 102 10 W
10						
11						
12	5		"	"		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from [illegible] towards [illegible]

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Sunday day of Feb 19th 18[illegible]
1	5		W by W	E by E		Course in with light breezes
2						from E & E with pleasant
3						weather
4	5					
5						
6						
7						
8	6					
9						
10						
11						
12	5					Middle & Latter part the
1						same
2	7		"	"		
3						
4						
5						
6	7					
7						
8						Latt by Obs 21 S
9	4					Long " DR 105 W
10						
11						
12	4		"	"		

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob.	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday day of Feb 20th 1865
1	5		W by W	E & E		Course in with light breezes
2						from E & E with pleasant
3						weather
4	5					
5						
6						
7						
8	5					
9						
10						
11						
12	5					Middle & Latter part the
1						same
2						
3						
4	5					
5						
6	5					
7	5		W by W	E & E		Latt by Obs 1 57 N
8						Long by DR 105-32 W
9						
10						
11						
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from [illegible] towards San Francisco

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of 186
1							
2			Courses	Lat by D R	Lat by D R	Long by D R	Dist
3	Feb	21	N 45 W		00 23 S	106 50 W	108
4	"	22	S 53 W	00 18 N		107 30 W	75
5	Feb	23	N 32 W	1 32 N		109 10 W	101
6	"	24	N 11 W	2 28 N	2 46 N	109 22 W	71
7	"	25	N 22 W		3 46 N	109 42 W	61
8	"	26	N 35 W		4 15 N	110 16 W	36
9	Feb	27	N 22½ W	5 47 N	5 50 N	110 52 W	72
10	"	28	N 23 W		7 16 N	111 38 W	121
11	Mar	1	N 24 W	9 06 N	9 06 N	112 28 W	121
12	Mar	2	N 34 W	10 29 N	10 31 N	113 28 W	108
1	Mar	3	N 50 W	11 59	11 57 N	115 11 W	135
2	Mar	4	N 52 W	13 19 N	13 16 N	116 45 W	123
3	Mar	5	N 45 W	14 18 N	14 14 N	117 48 W	104
4	Mar	6	N 59 W	15 24 W	15 23 N	119 48 W	136
5	Mar	7	N 50 W	16 50 N	16 54 N	121 38 W	140
6	Mar	8	N 34 W	18 26 N	18 24 N	122 42 W	110
7	Mar	9	N 37 W	20 12 N	20 10 N	124 13 W	140
8	Mar	10	N 31 W	21 48 N	21 47 N	126 07 W	132
9	Mar	11	N 35 W	23 09 N	23 05 N	127 24 W	96
10	Mar	12	N 51 W	24 15 N	24 15 N	128 15 W	76
11	Mar	13	N 26 W	25 55 N	25 58 N	129 36 W	121
12	Mar	14	N 34 W	27 10 N	27 07 N	130 42 W	121
1	Mar	15	N 34 W	28 40 N	28 39 N	131 47 W	126

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of 18
1			Course	Dist	Lat by D R	Lat by Ob	Long by D R
2	Mar	16	N 23 W	26	29 24 N	29 40 N	134 13 W
3	Mar	17	N 22 W	75	30 57 N	30 48 N	132 41 W
4	Mar	18	[illegible]	40	31 21 N	31 24 N	132 57 W
5	Mar	19	N 14 E	18	31 40 N	31 36 N	132 53 W
6	Mar	20	N 44 W	41	32 12 N	32 02 N	133 24 W
7	Mar	21	N 42 W	14	32 03 N	32 02 N	133 27 W
8	Mar	22	N 9 E	25	32 42 N	32 42 N	133 18 W
9	[illegible]	23	N 41 E	75	33 [illegible] N	33 34 N	132 23 W
10	Mar	24	N 7 E	55	33 41 N	33 50 N	131 04 W
11	Mar	25	N 57 E	50	34 10 N	34 14 N	131 45 W
12	Mar	26	N 33 E	54	34 50 N	34 43 N	131 04 W
1	Mar	27	N 7 W	104	35 28 N	35 28 N	132 42 W
2	Mar	28	N 51 W	80		36 18 N	133 24 W
3	Mar	29	N 51 E	48	36 55 N	36 55 N	132 25 W
4	Mar	30	N 51 E	50	37 27 N	37 28 N	131 44 N
5	Mar	31	N 85 E	34	37 30 N	37 29 N	131 02 W
6	April	1	E 89	74	37 22 N	37 26 W	130 05 W
7	April	2	E 51	140	37 19 N	37 24 N	126 40 W
8	April	3	E 70	136	37 17 N	37 18 N	124 04 W
9	April	4	E 56	30	36 44 N	36 47 N	124 02 W
10	April	5	E 76	10	36 26 N	36 44 N	124 01 W
11	April	6	N 81 E	58	37 14	37 15 N	123 51 W
12	April	7	N 3 E	21	38 00	38 00	123

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Saturday [illegible] Arrived at Oakland St Wharf at 10 [illegible] so Ended the Voyage

Journal from ..... towards .....

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	18
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat by Ob	Variation.	Diff of Lon	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	18
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Last of Moles westwards on the Voyage

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of 18
1			Beef Opened	Pork		Flour Sugar	Water Bread
2			Sept 10 th	" 16 th		Sept 1 --	10 th 100 10 1 Box
3			" 18 th	Nov 23 d		Oct 10	15 th 160 Oct 6 1 "
4			Nov 12 th			" 20	22 180 Nov 2 "
5			Dec 1 st			Dec 20	27 180
6			" 24 th			Mar 28	from Magellan
7			Jan 30 th			Flour	Oct 17 = 150
8			Feb 18 th			Jan 20	" 21 60
9			Mar 15			" 25 th	26 180
10						" 29 th	
11						Feb 4 th	
12						" 9 th	
1			Oct Jan Boam			" 13 th	
2			Nov 30 Nov 2			" 19 th	
3			" 2			" 24 th	
4			" 9 th			" 29 th	
5			Dec " 15 th			Mar 4 th	
6			" 26 th			" 12 th	
7			Jan 3			" 18 th	
8			Feb 18			" 25 th	
9						" 28 th	
10						Apr 3 d	
11						Feb 7	
12							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of 18
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
1							
2							
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11							
12							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Monday Jan 9 Discharged 10 431 ft Lumber
" " 6 15 ft "
Tuesday " 10 " 16 633 ft "
Wednesday " 11 " 6 618 ft "
Thurs " 12 " 45365 ft

Paid

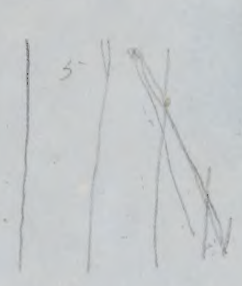
Friday Jan 18 Rcvd 80 Bbls Potatoes
Sat " 14 " 80 " "
" " " 21 " "
Monday " 16 " 80 " "
257

Lumber

January 24 Rcvd 70 bbls Potatoes
" 25 " 65 " "
" 26 " 200 " "
" 27 " 65 " "
" 28 " 221 " "
" 30 " 142 " "
Feb 1 195 " "
" 2 215 " "
1121
271
1412 Bbl

Lumber bbls

Upon 1 Bag Potatoes Sept 11th
1 " " " 24
1 " " Oct 1st
1 " Oct 1
" " " 12
1 " " 22
Nov 3



Sept 18 two men at work per stove
" 30 " — — —
Oct 1 " — — —